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ABSTRACT

This booklet, designed for ages 8-10, is the third in a series designed to help teachers develop a more positive and creative approach to giving work on mathematics skills to children. It is based on objectives concerning creativity, fostering independent thinking, using experiences, using mastery, reinforcing previously learned skills, emphasizing choices and following directions, encouraging divergent thinking, and developing concepts. Each of the 40 pages may be reproduced by the teacher for student use. An answer key is included. (MNS)

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THE MATH MASTER

Written by
Barbara W. Levy

Illustrated by
Evelyn Pesiri

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THE MATH MASTER

Level 3

by
Barbara W. Levy

Illustrated by Evelyn Pesiri

Cover by Kathryn Hyndman

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Introduction

Workbooks can become boring and tedious. I hope this series can provide you with an exciting and enthusiastic approach to learning. As Jerome Bruner has said, "We often give children cut flowers instead of letting them grow their own."

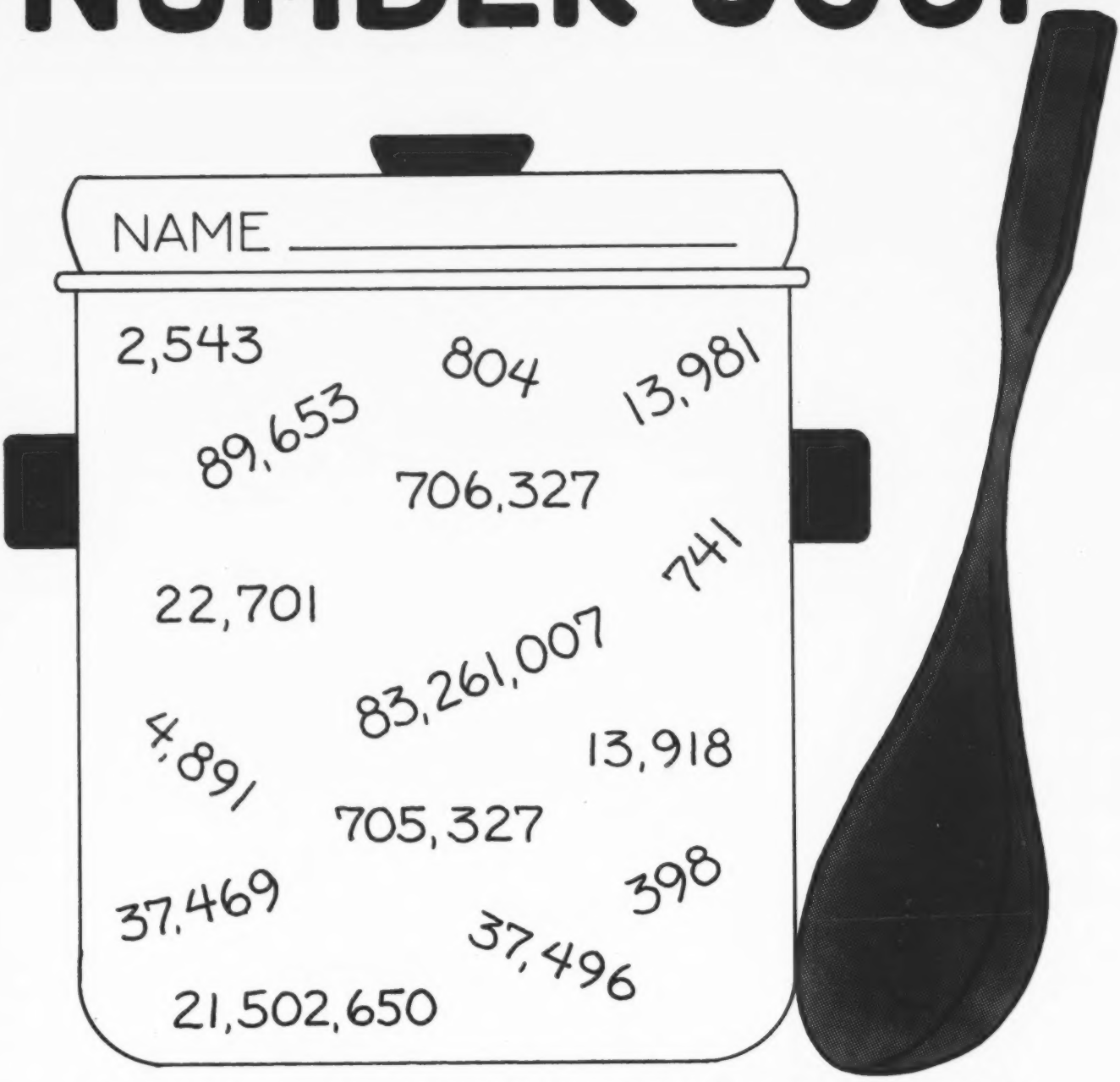
It is my hope as the writer that these books will be the tools by which teachers can develop a more positive and creative approach to giving work. It is only with happy, self-confident children that learning can constantly take place, and good materials are only one key to each child's success.

Each child may need different paths to learning. There are better ways than others. This series has as its objectives:

- creativity
- fostering independent thinking
- using the child's experience
- using mastery as the key
- reinforcing previously learned skills
- emphasizing the making of choices and the following of directions
- letting the child use divergent thinking rather than convergent thinking
- initiating several concepts on each page so that a teacher may work in a certain area, for example, visual perception skills and numerical recognition

Let the child expand his/her thinking and learning with challenge. Let the child learn to enjoy learning.

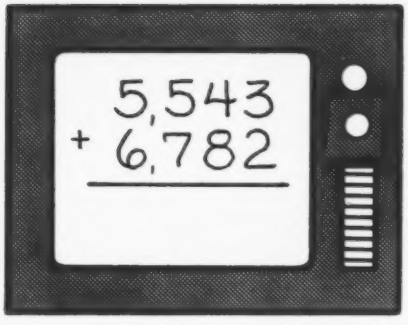
NUMBER SOUP

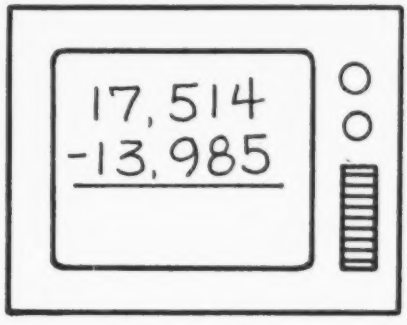


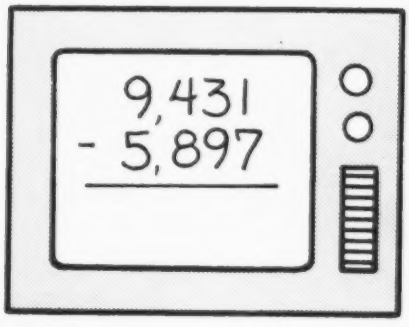
Spoon out the numbers and put them in order from smallest to largest.

TV TIME

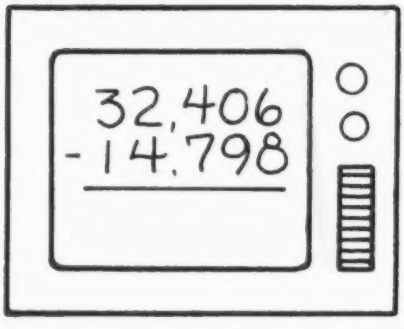
Work the problems!

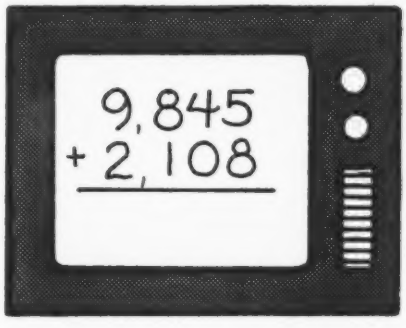


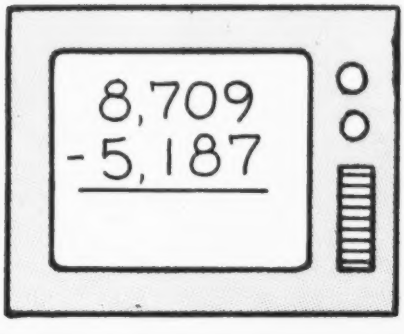


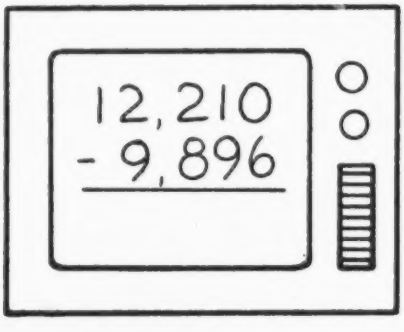


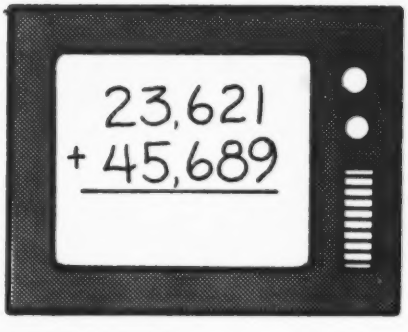
NAME:

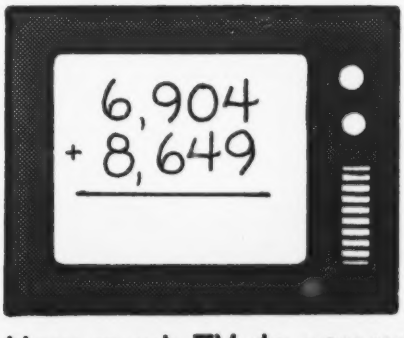


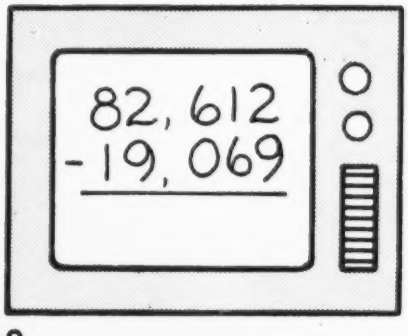












How much TV do you watch? _____

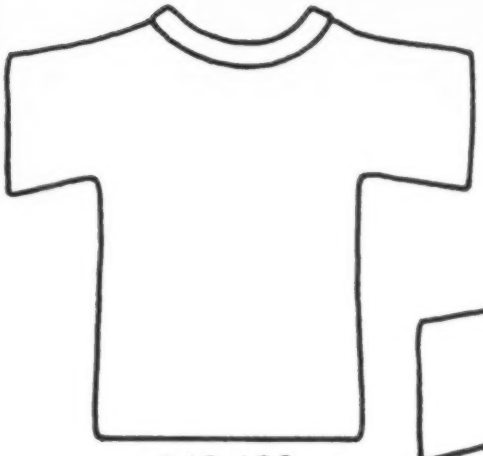
2

NAME _____

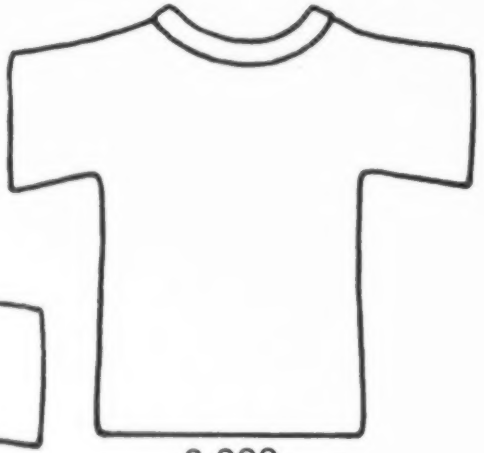
Using rectangles, squares, triangles, circles, ovals and any polygon, create a picture of you doing something in your schoolroom.

T-SHIRTS

Change each shirt from a number to a word or from a word to a number.



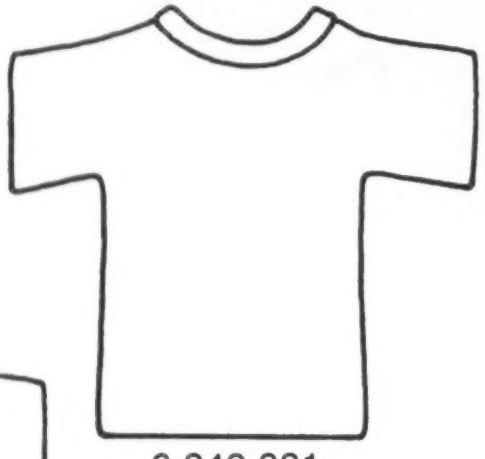
543,103



8,009

seven million, four hundred thousand and ten

twenty-seven thousand, five hundred and eighty-seven



6,340,831

two hundred twenty thousand and thirty-two

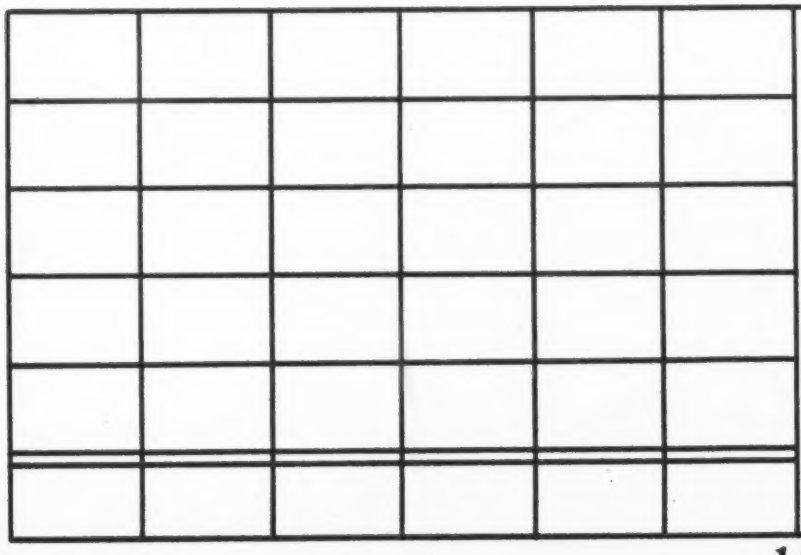
NAME: _____

GRAPH MATH

Solve the problems! Then fill in the **bar graph** using your answers.

131,320 - 66,925	8,597 + 19,234	59,835 + 18,418	153,242 - 65,589
28,580 + 19,762	163,548 - 68,979	42,287 + 45,366	48,469 + 29,784
125,318 - 97,487	37,838 + 26,557	157,211 - 78,958	28,580 + 19,762
176,149 - 97,896	114,730 - 86,899	19,866 + 7,965	44,256 + 33,997

Graph your answers here.



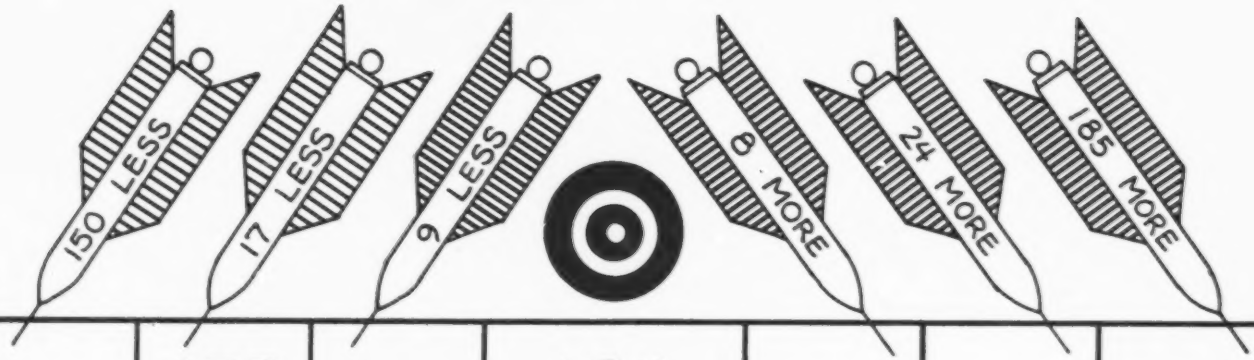
Draw your pie graph here.

NAME _____

NAME _____

dart chart

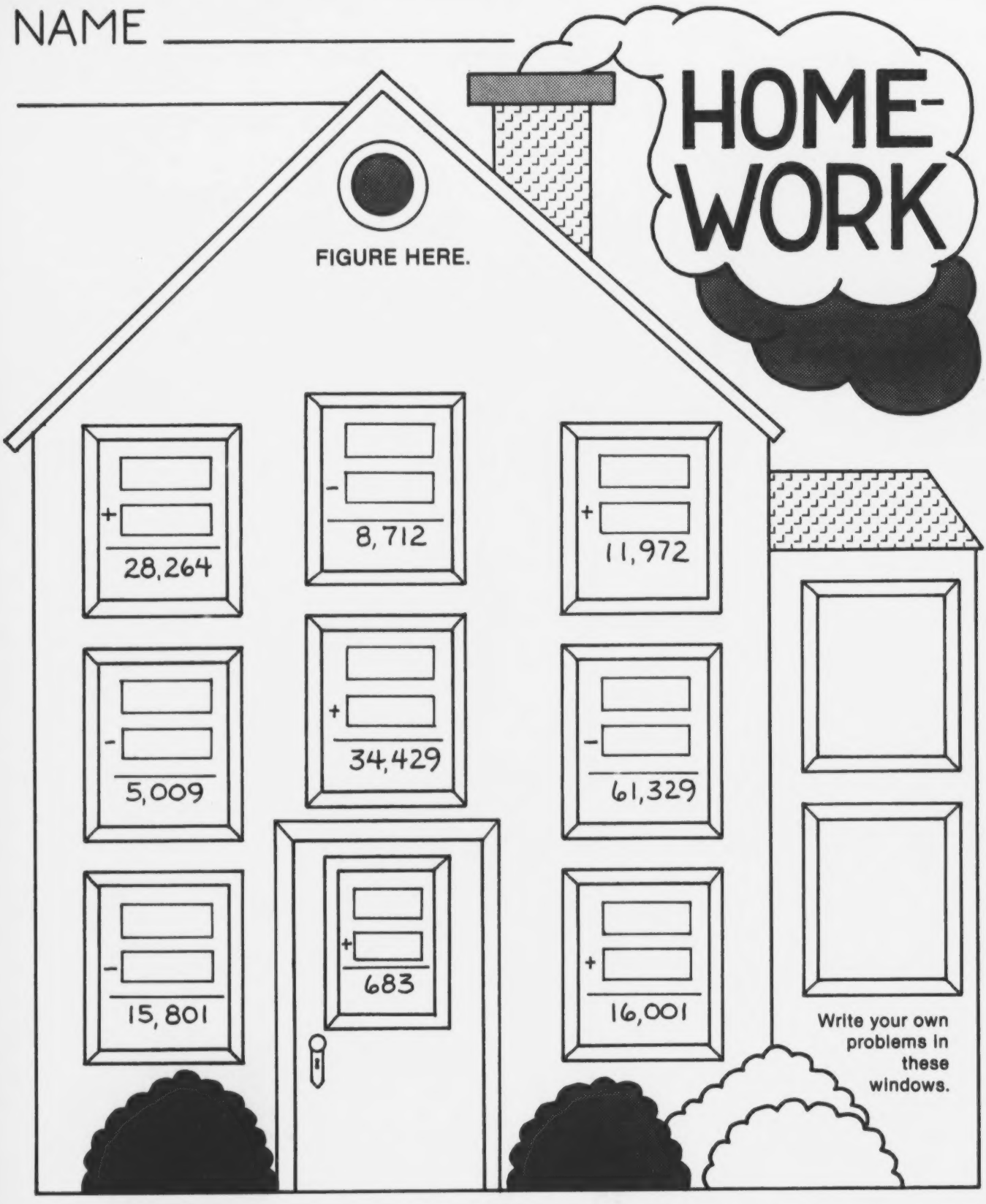
Study the chart and fill in the answers.



	677		694			
			809		833	
			287			472
		726	735			
424			574			
			421	429		
			985			
			342			

NAME _____

HOME-WORK

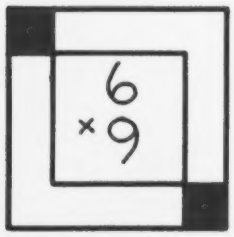


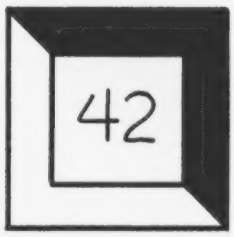
Every problem has an answer. Make up a problem to go with each answer.

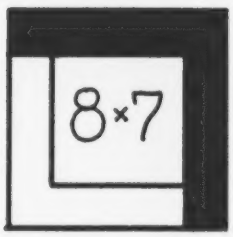
MATH MATCH

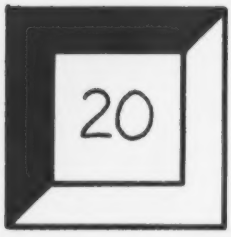
Look at the problems and the answers. Look at the shapes. Match the boxes. Draw a line connecting the boxes.

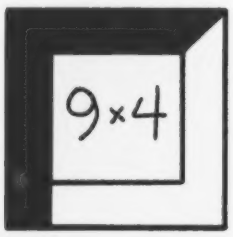
NAME _____

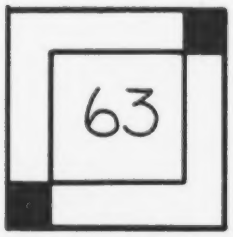


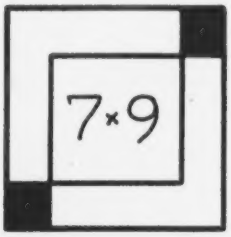


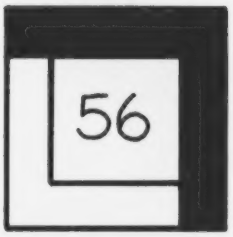


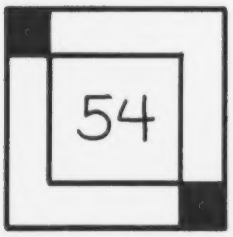


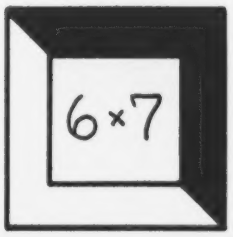


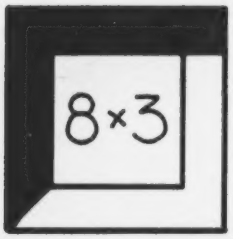


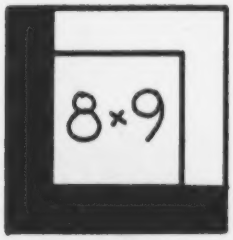


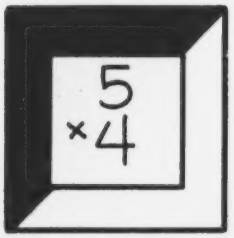


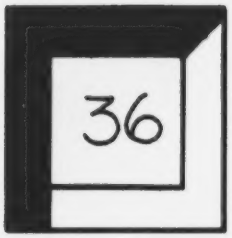












PATTERNING

Complete each pattern.

1,009, 1,018, 1,027, ____

820, 826, 832, ____

653, 655, 658, 662, ____

504, 510, ____

486, ____

338, 380, 422, ____

1,356, 1,457, 1,659, ____

305, 295, 275, 265, ____

512, 524, ____

651, 652, 654, 657, ____

505, 705, 805, 1005, 1105, ____

$\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, ____

____, 356, 355, 353, 350, ____

NAME _____

HIDE and SEEK

7	×	6	×	5	×	9	×	2	×	1	
×		×		×		×		×		×	
4	×	8	×	5	×	9	×	7	×	0	
×		×		×		×		×		×	
2	×	1	×	9	×	7	×	3	×	6	
×		×		×		×		×		×	
5	×	0	×	6	×	8	×	4	×	5	
×		×		×		×		×		×	
1	×	7	×	4	×	5	×	9	×	3	
×		×		×		×		×		×	
3	×	2	×	8	×	9	×	5	×	6	
×		×		×		×		×		×	
0	×	5	×	3	×	6	×	7	×	8	
×		×		×		×		×		×	
9	×	9	×	2	×	4	×	5	×	9	

Look at the numbers in the boxes below. Then find and circle the combinations of numbers above which equal the numbers in the boxes. The combinations can be horizontal, vertical, or even diagonal.

48	81	54	56	40	72	42	21	24	35

NAME _____

SATURDAY

NAME _____

Place the hands in the correct positions on the clocks, and fill in each blank with the correct amount of money.

At 7:53 a.m. on Saturday, you started with five dollars and seventy-five cents. _____ Your friend called at 9:47 a.m. and

Write the figure

you decided to go shopping. You met at the arcade and spent 81¢. _____.

Draw the coins

You now have _____ left. Then at 11:44 a.m. , you went to Burger Haven for lunch. You spent $1.69 for a hamburger and 74¢ for a shake. How much money do you now have left?_____. After lunch, you stopped at the school supply store to buy a notebook (53¢), a pen (27¢), and a pack of labels (41¢) for your report. The total spent at the store was _____. When you came home at 2:17 p.m. , how much money did you have left? _____.

What do you like to do on Saturday?

IT'S A-MAZE-ING

Help! The child is lost. Find the path home by finding all the answers between 325-450. Show the path.

69 × 5

98 × 4

77 × 6

46 × 9

86 × 6

38 × 8

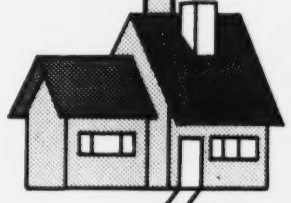
53 × 8

71 × 5

57 × 7

52 × 6

68 × 6

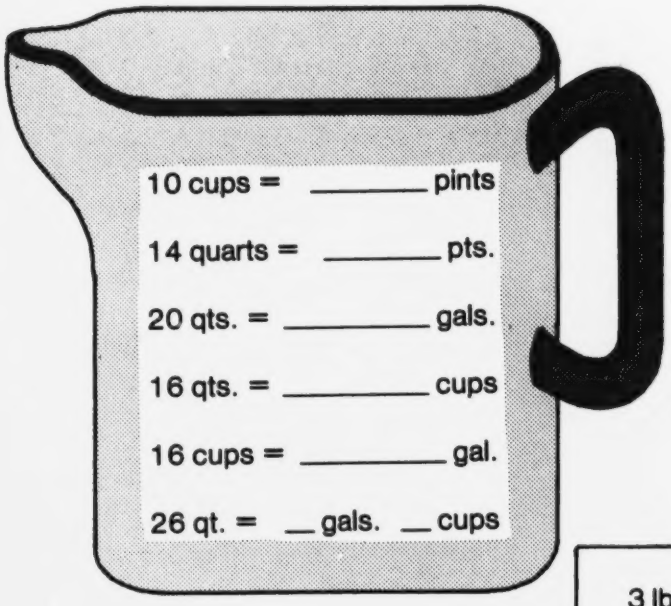


NAME _____

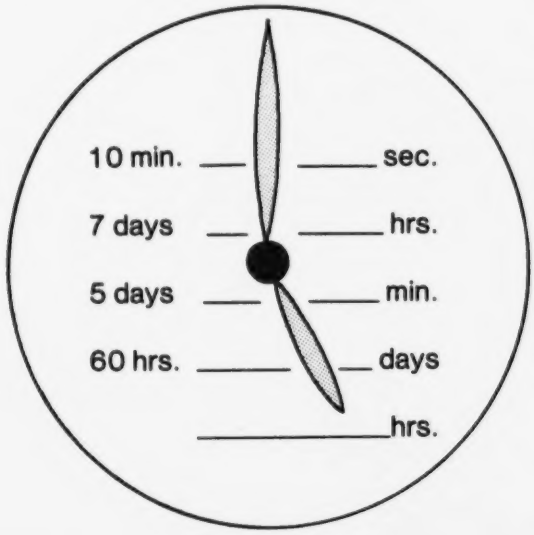
TIME AND SPACE

4 yards = _____ inches
12 feet = _____ yards
60 inches = _____ feet

13 feet = _____ yds. _____ ft.
87 inches = _____ ft. _____ in.
7 yds. = _____ ft. or _____ in.



10 cups = _____ pints
14 quarts = _____ pts.
20 qts. = _____ gals.
16 qts. = _____ cups
16 cups = _____ gal.
26 qt. = __ gals. __ cups



10 min. ___ _____ sec.
7 days ___ _____ hrs.
5 days ___ _____ min.
60 hrs. _____ __ days
_____ hrs.

NAME

_____

3 lbs. = _____ oz.
80 oz. = _____ lbs.

Weights and Measures

1 foot = 12 inches
1 yard = 3 feet
1 mile = 5,280 feet
1 pint = 2 cups
1 quart = 2 pints
1 gallon = 4 quarts
1 pound = 16 ounces
1 minute = 60 seconds
1 hour = 60 minutes

SECRET CODE

NAME

Solve the problems. Use the secret code to reveal the message.

84 × 6		75 × 9		63 × 9		47 × 4								
35 × 5		135 × 5		71 × 3		36 × 8		36 × 7						
84 × 3		94 × 2		76 × 6		99 × 4		97 × 7		39 × 8				
67 × 8		48 × 6												
83 × 9		66 × 6		82 × 4		!								

Write the secret message here.

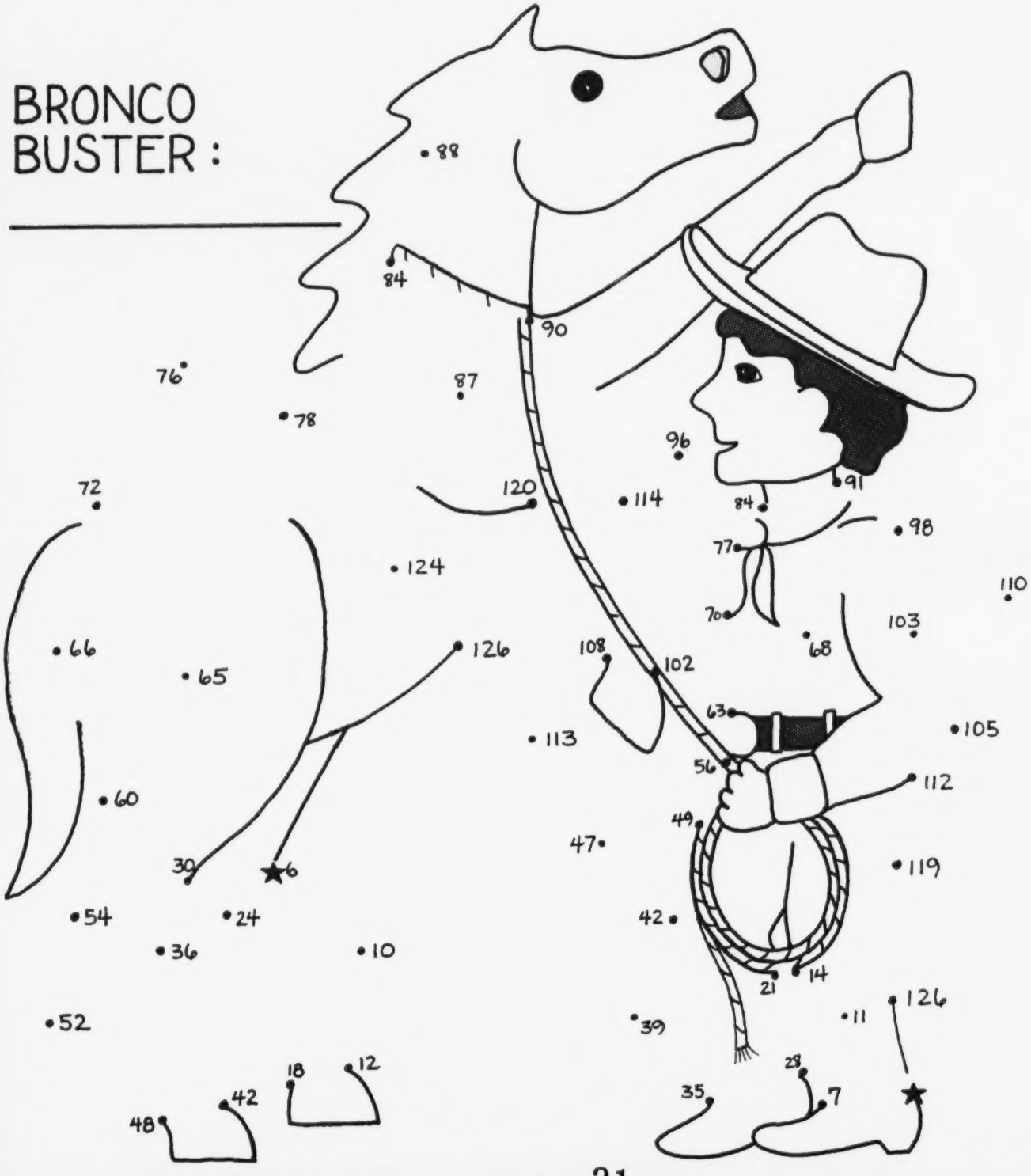
Secret code:

a = 675	e = 288	i = 153	m = 504	q = 502	u = 396
b = 536	f = 747	j = 379	n = 328	r = 139	v = 253
c = 227	g = 213	k = 482	o = 456	s = 252	w = 198
d = 312	h = 188	l = 679	p = 175	t = 567	x = 329
					y = 481
					z = 678

BUST A BRONC

Connect the dots. Be sure you are counting by 6's and then 7's. There are several misleading numbers.

BRONCO BUSTER: _____

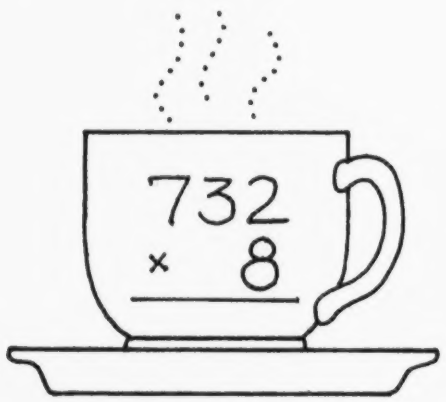


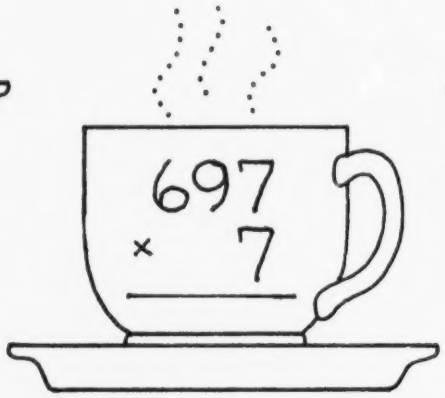
21

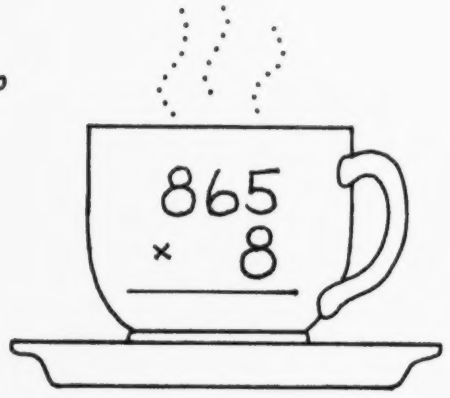
TEA TIME

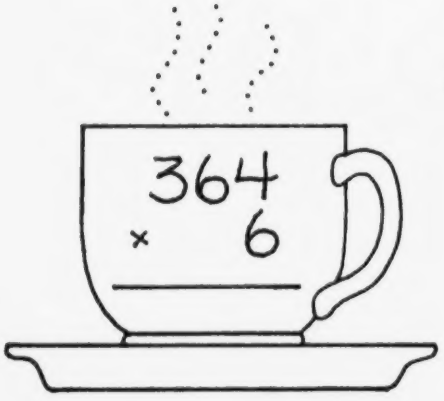
NAME

Put answer in saucer.









Can these saucers fly?

MATH IS HOT STUFF!

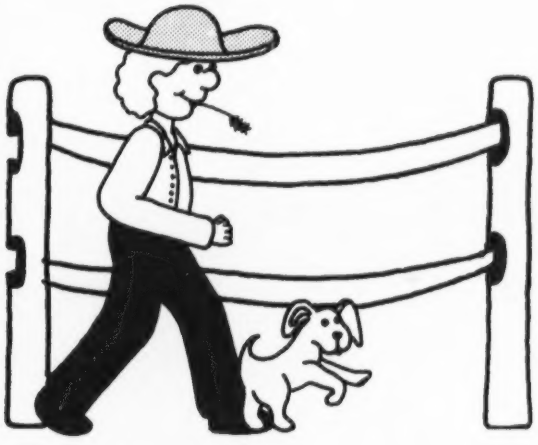
NAME

CAUTION STUDENTS AT WORK

Work the problems. Fill in the circles with $<$, $>$, or $=$.

9,457 + 5,326	◯	7,938 × 2	12,542 - 8,962	◯	473 × 7
15,432 - 8,965	◯	809 × 8	14,708 - 6,777	◯	3,694 2,583 1,654
3,521 × 7	◯	4,382 × 5	329 × 8	◯	643 × 4
34,692 + 18,548	◯	96,739 - 43,499	1,284 × 9	◯	1,587 × 8
421 × 3	◯	6,582 + 6,008	3,999 - 1,060	◯	4,087 + 852

WALK THE FENCE



The Garden 81 ft.

Find the perimeter of the garden.

_____ ft.

in inches

_____ in.

94 ft.

The Field

Find the perimeter of the field.

_____ ft.

Find the area of the field.

_____ sq. ft.

If you enlarged your field by tripling the space, what would be the area?

_____ sq. ft.

85 ft.

85 ft.

69 ft.

Find the perimeter of the zoo.

_____ ft.

Now put your answer in inches.

_____.

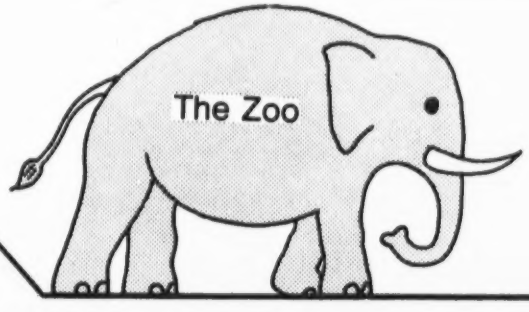
What animals did you see?

_____

52 ft.

74 ft.

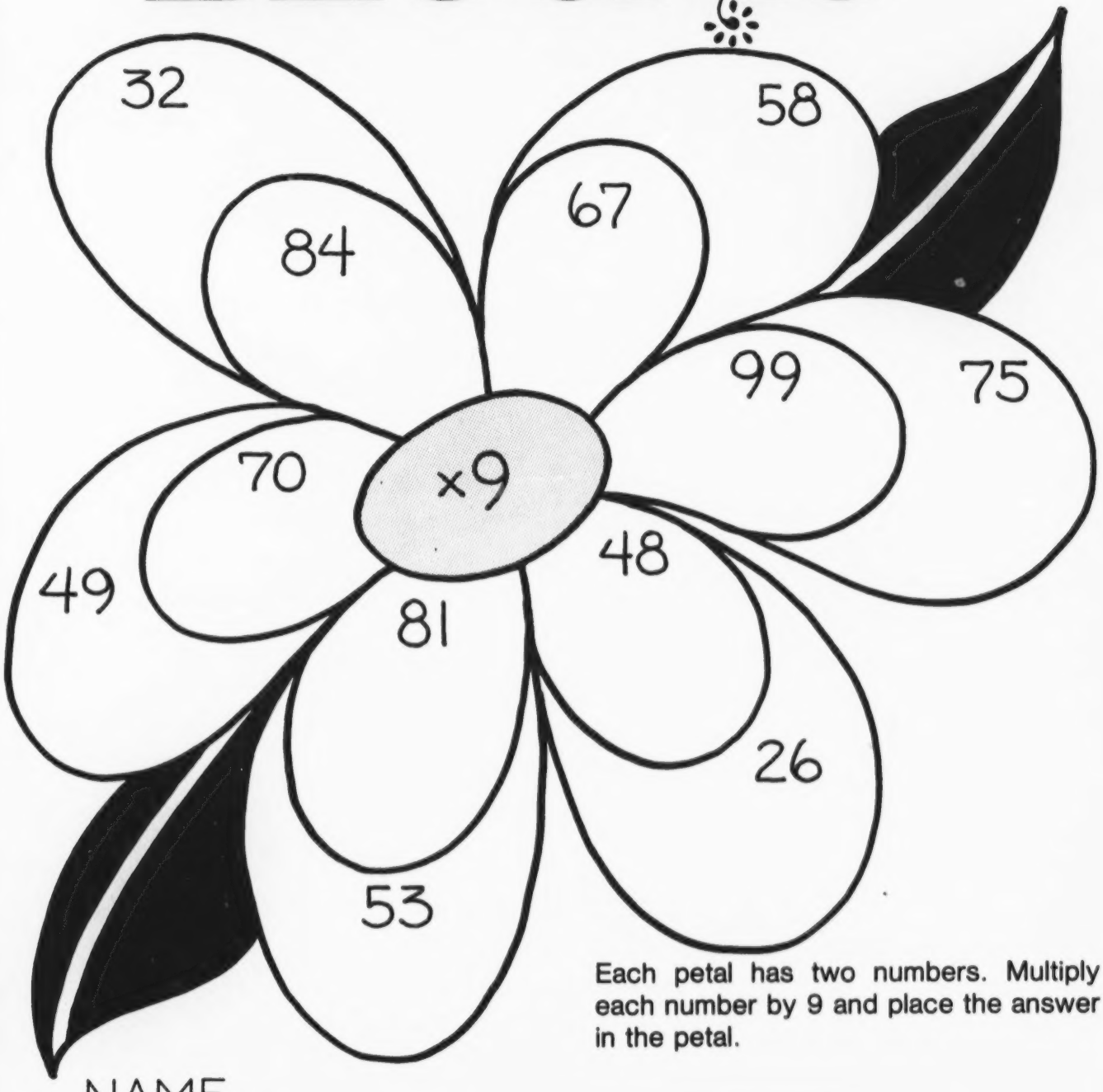
The Zoo



NAME:

_____

BLOOMING BLOOMS

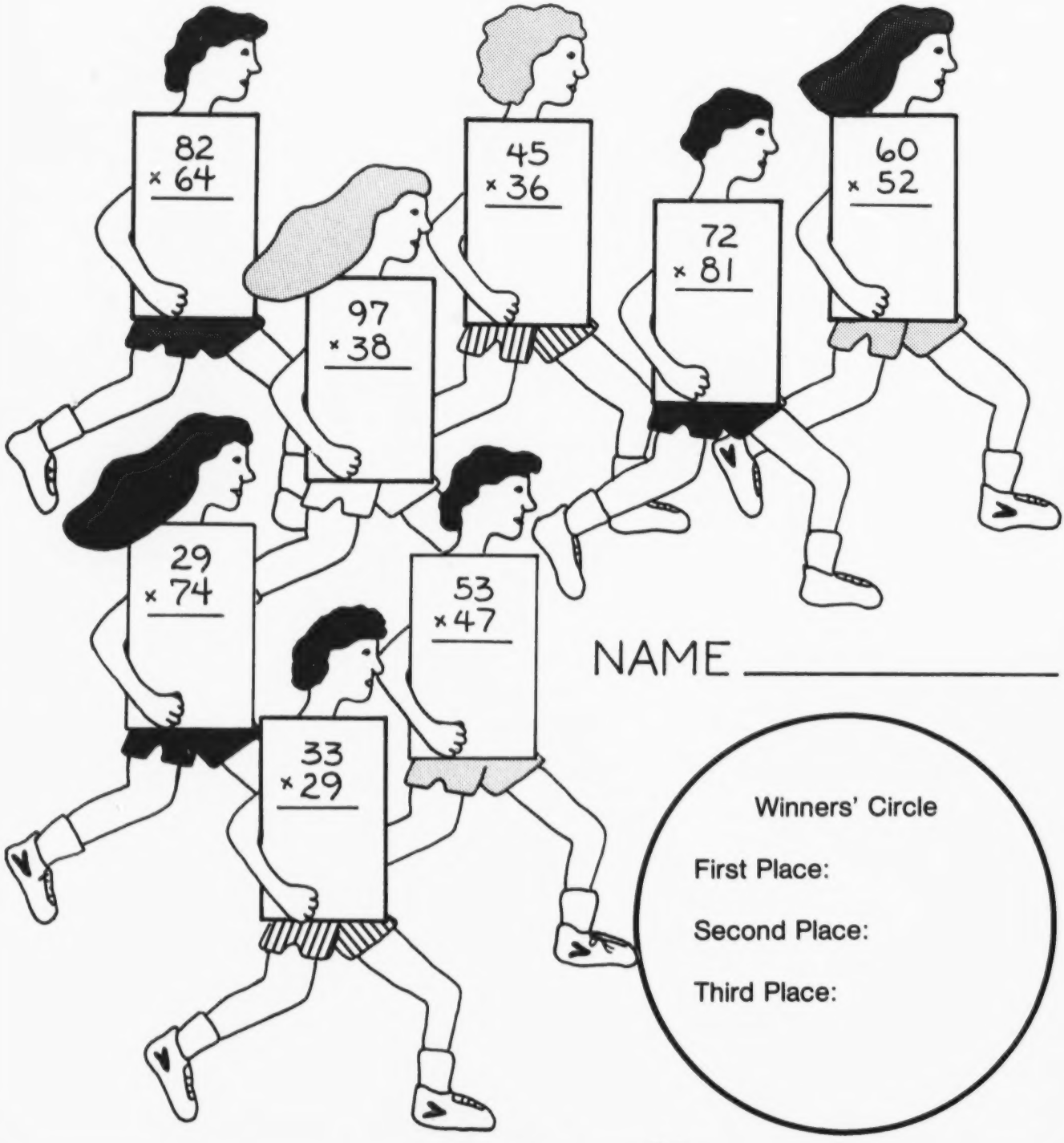


Each petal has two numbers. Multiply each number by 9 and place the answer in the petal.

NAME _____

MATH MARATHON

Do the problems. The three joggers with the highest numbers win the race.



NAME _____

Winners' Circle

First Place:

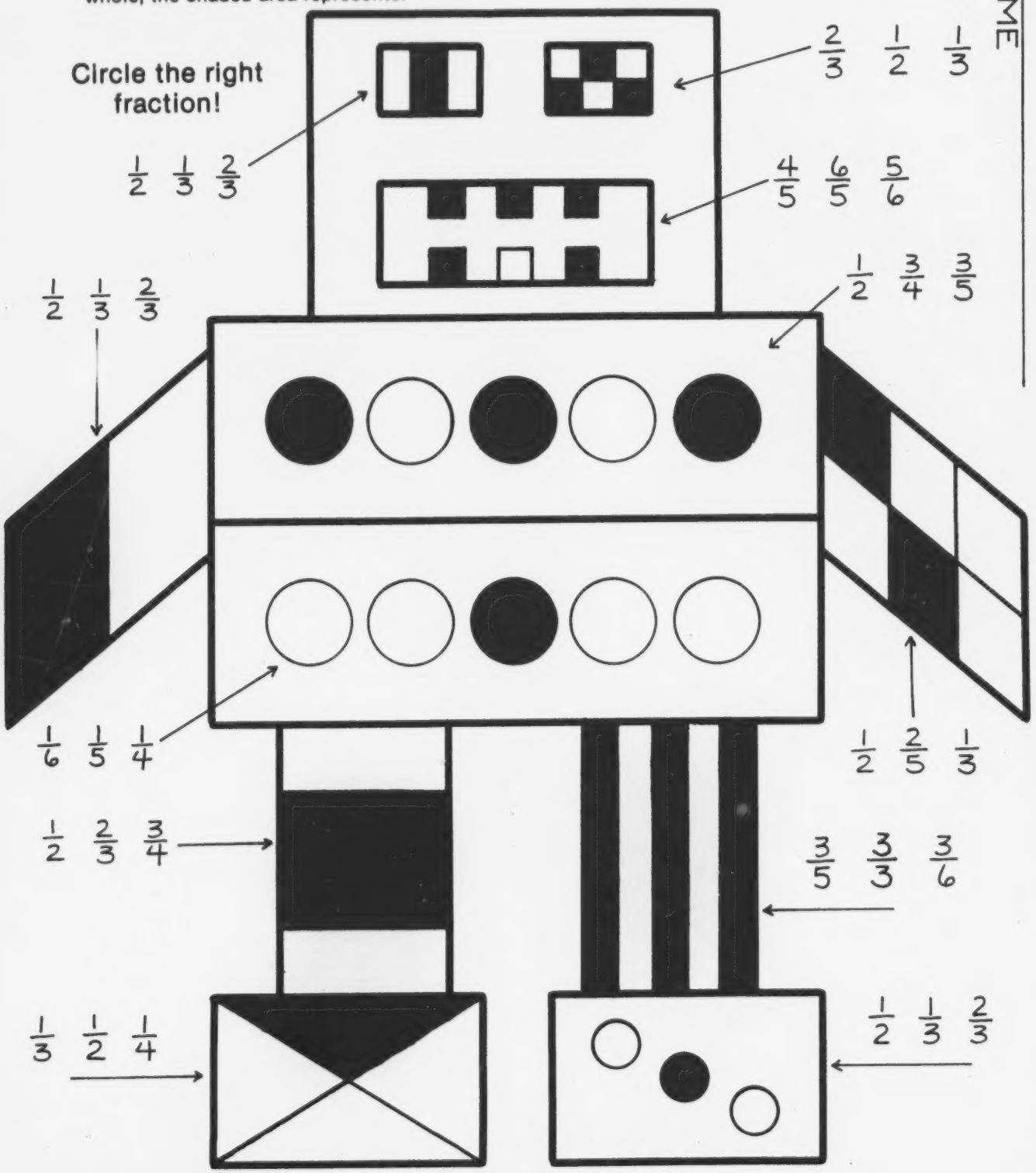
Second Place:

Third Place:

FRAC-MAN

NAME _____

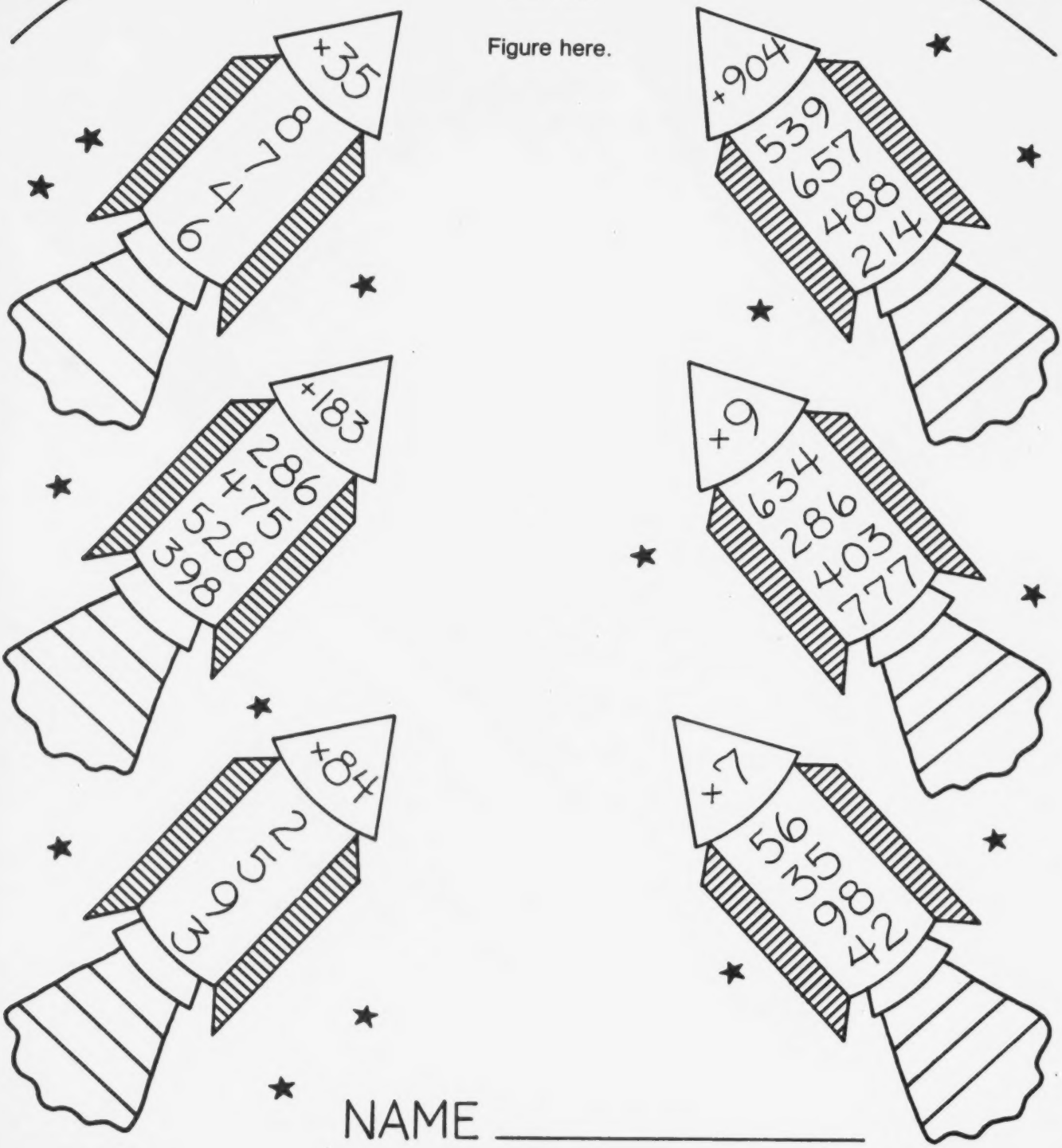
Look at the shaded area or areas in each figure. Circle the fraction which tells what part of the whole, the shaded area represents.



FIRE YOUR ROCKETS

Each rocket has four problems.
Blast off!

Figure here.



NAME _____

CHECK THIS OUT

NAME _____

87 × 6	39 × 4	72 × 9	15 × 6	65 × 7	43 × 2	98 × 7	54 × 8	49 × 8	23 × 7

Work problems. Then find each answer below and its code and plot on the graph. Finally, follow directions below to reveal secret word.

Here's the code.

522 = (1, I)
86 = (2, A)
432 = (3, I)
90 = (4, A)
161 = (5, I)

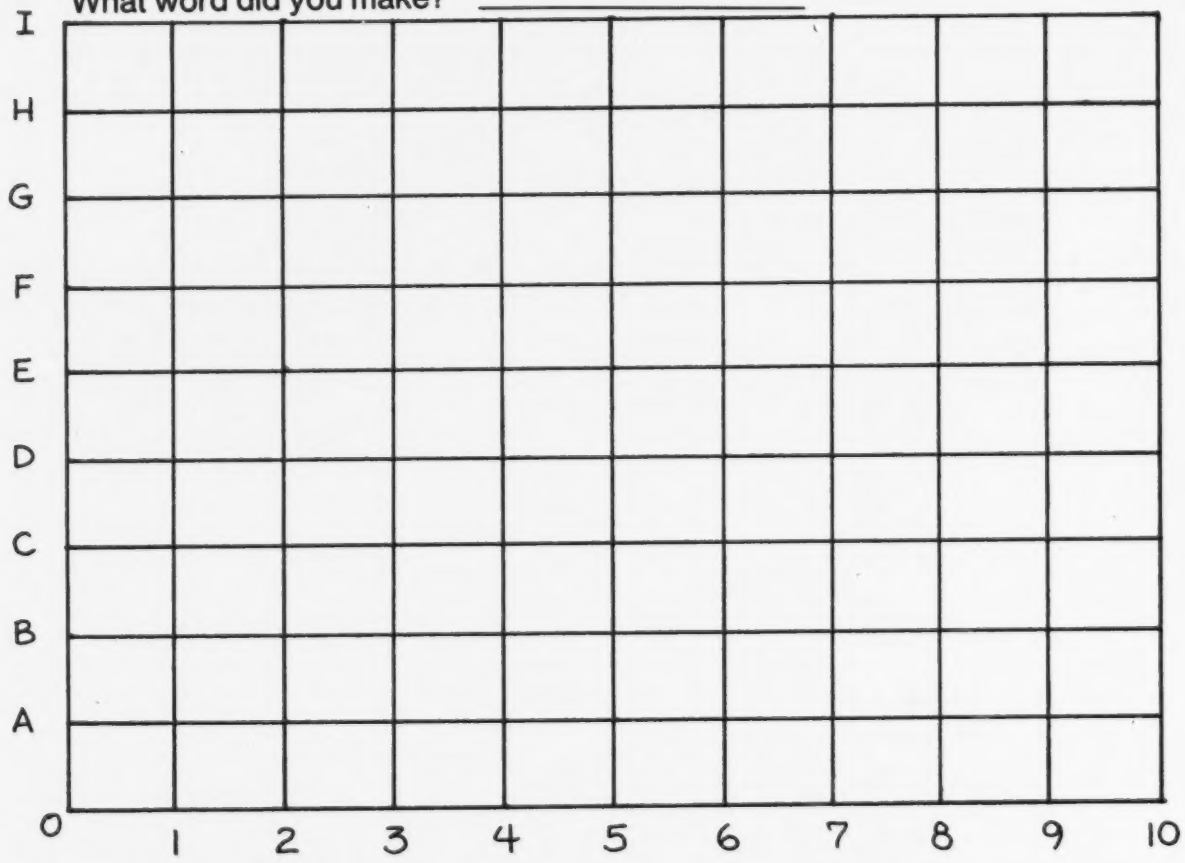
Join diagonally. What letter does this make? _____

156 = (10, I)
686 = (7, I)
648 = (10, E)

392 = (7, E)
455 = (10, A)
522 = (7, A)

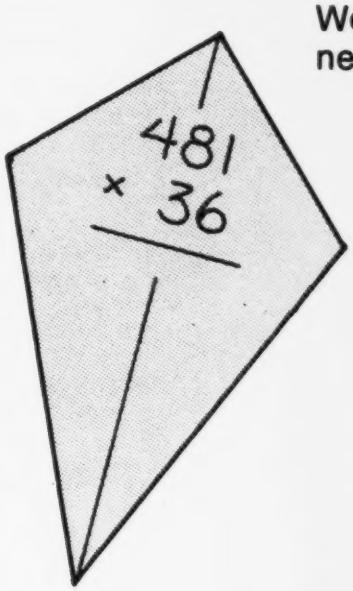
Join horizontally and attach vertically on left side. What letter does this make? _____

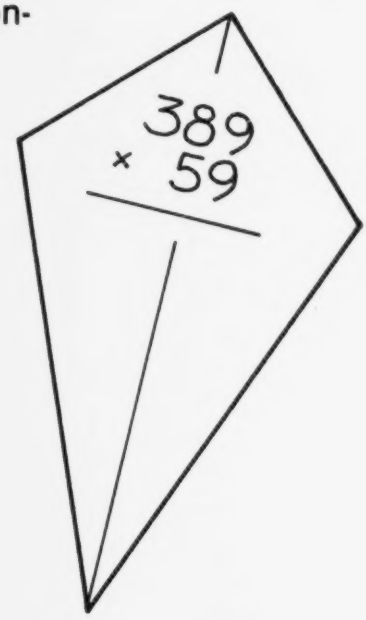
What word did you make? _____

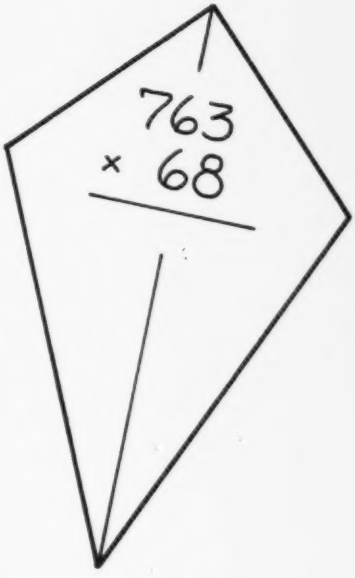


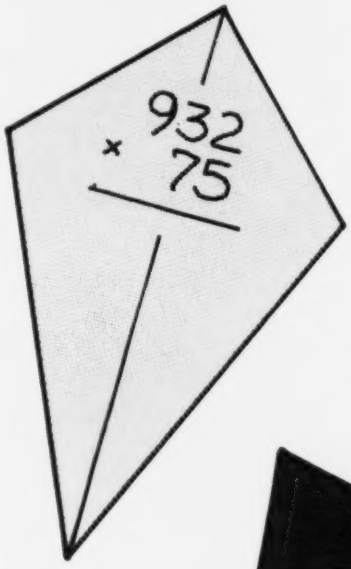
NO STRINGS ATTACHED

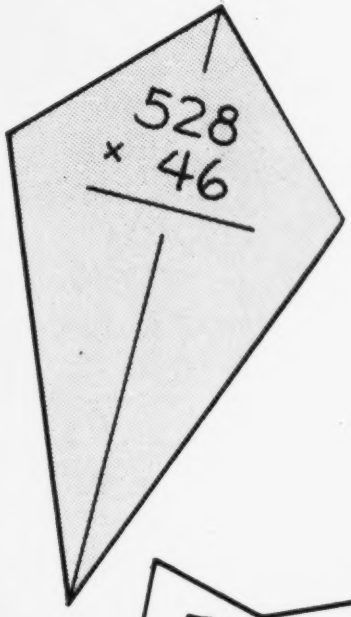
Work the problems. Draw a line connecting each kite with its answer.



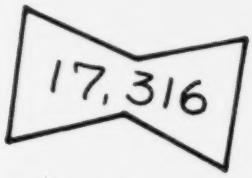


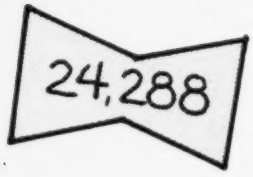






NAME





$ MONEY $

NAME _____

Make change with **least** number of coins possible.

Cost	Paid	Pennies	Nickels	Dimes	Quarters	Dollars
$2.39	$3.00					
$3.76	$4.00					
$1.82	$5.00					
$ .31	$1.00					
$6.44	$10.00					

1. Milly bought 7 pairs of shoes for $32.00 each while her mother was out of town. How much did she spend? _____.

2. Mark saved $87.52 for the trip. Mike saved $83.97 for the trip. Mindy saved $94.65. How much did they all save for the trip? _____ The trip costs $345.00 for all three. How much more do they need? _____. Divide this amount by 3 people. How much more does each one need to contribute? _____ Mark _____ Mike _____ Mindy

3. Six books for school cost $32.82. How much does each book cost if they each cost the same amount? _____.

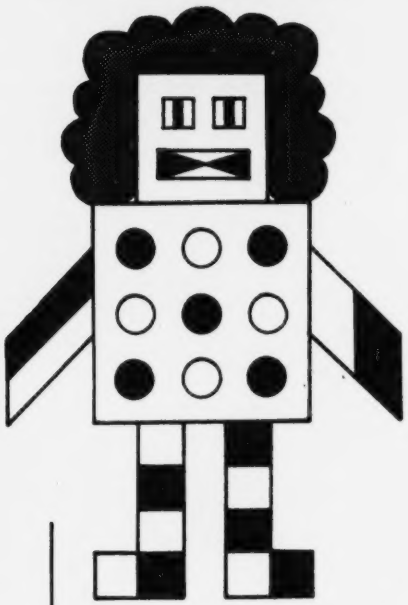
NAME _____

MISTEAKS

There are 10 mistakes. Cross out each wrong answer and put in the correct one.

$8\overline{)32}$ R 4	$7\overline{)63}$ R 8	$7\overline{)49}$ R 7	$2\overline{)18}$ R 9
$3\overline{)27}$ R 9	$5\overline{)35}$ R 6	$6\overline{)36}$ R 9	$4\overline{)32}$ R 8
$9\overline{)72}$ R 7	$7\overline{)56}$ R 7	$6\overline{)48}$ R 7	$5\overline{)30}$ R 6
$8\overline{)64}$ R 8	$2\overline{)24}$ R 9	$3\overline{)24}$ R 9	$9\overline{)81}$ R 9
$3\overline{)21}$ R 7	$4\overline{)36}$ R 8	$7\overline{)42}$ R 6	$9\overline{)63}$ R 7
$8\overline{)40}$ R 5	$6\overline{)54}$ R 8	$7\overline{)21}$ R 3	$8\overline{)16}$ R 2

MS. FRAC-MAN



NAME _____

Two fractions are alike. Circle them.

1) 1/2 1/3 2/4 3/5

2) 1/2 1/3 4/12 3/8

3) 1/3 3/4 2/5 6/8

Add these fractions:

1) 3/4 + 2/4 = _____ or _____

2) 1/8 + 3/8 = _____ or _____

3) 1/3 + 2/3 = _____ or _____

◄, ►, or =

1) 4/6 ☐ 2/3

2) 1/3 ☐ 1/5

3) 3/8 ☐ 3/7

4) 7/8 ☐ 5/6

Put into a mixed or whole number.

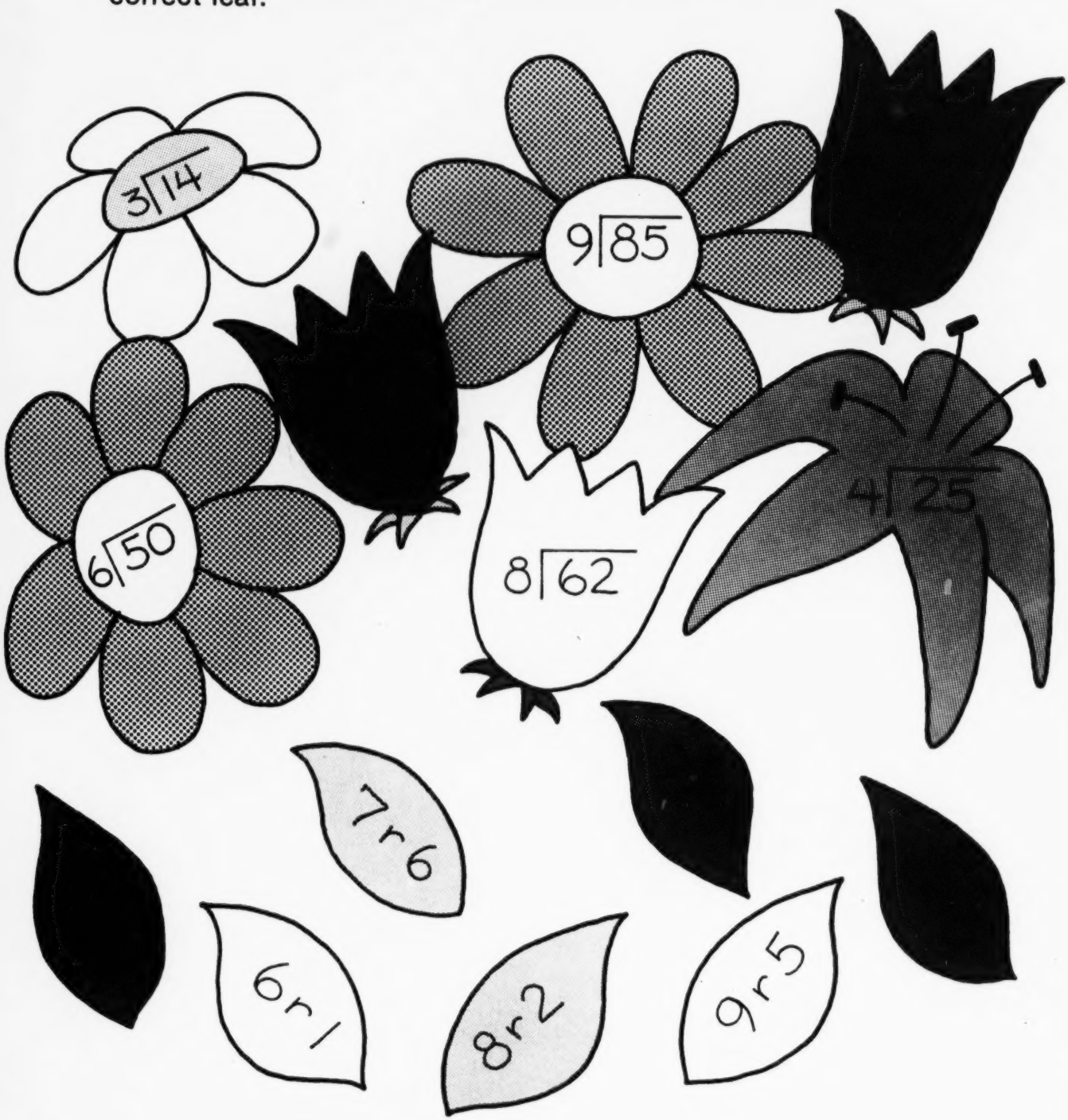
1) 8/5 = _____ 3) 9/8 = _____

2) 12/4 = _____ 4) 3/2 = _____

NAME _____

The Garden

Work the problems. Draw a line connecting each flower to its correct leaf.



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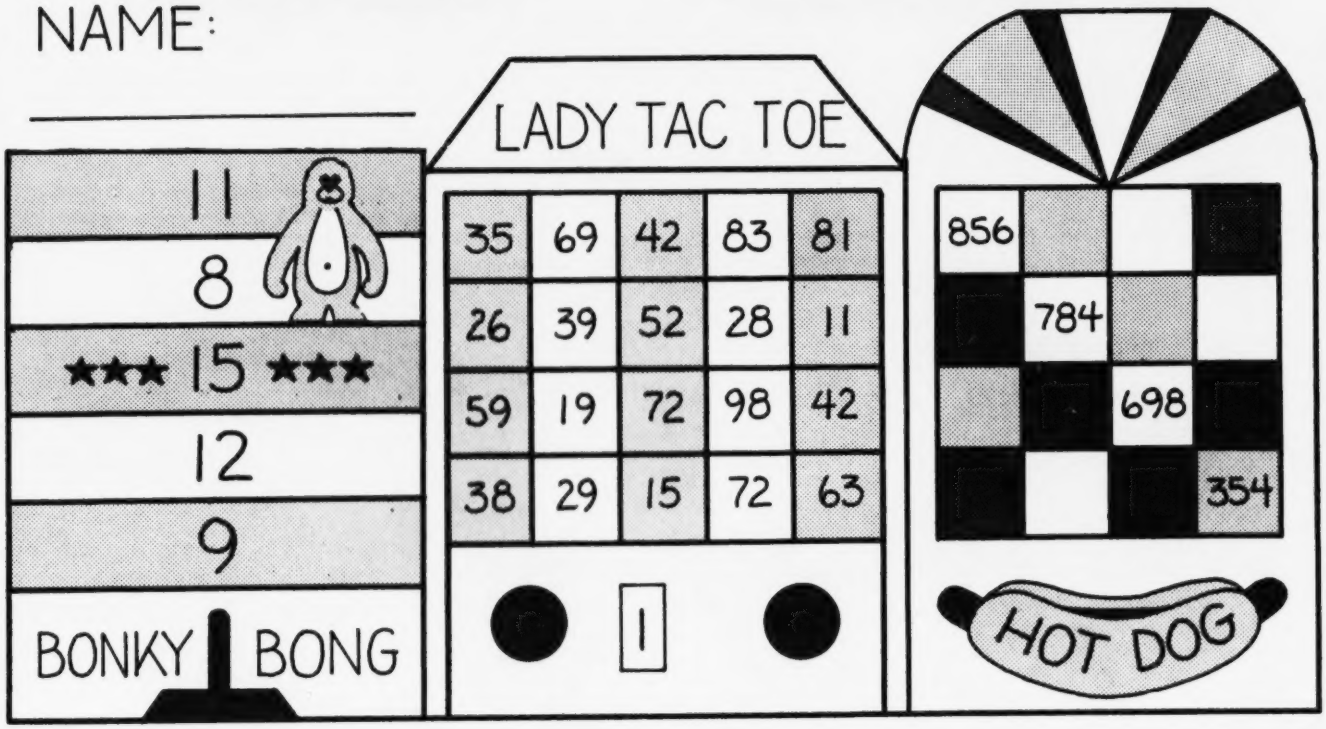
VIDEO ARCADE

NAME: _____



Use the illustrations when necessary.

1) You played Bonky Bong 5 times. What was your total score? _____. Find your average score. _____.

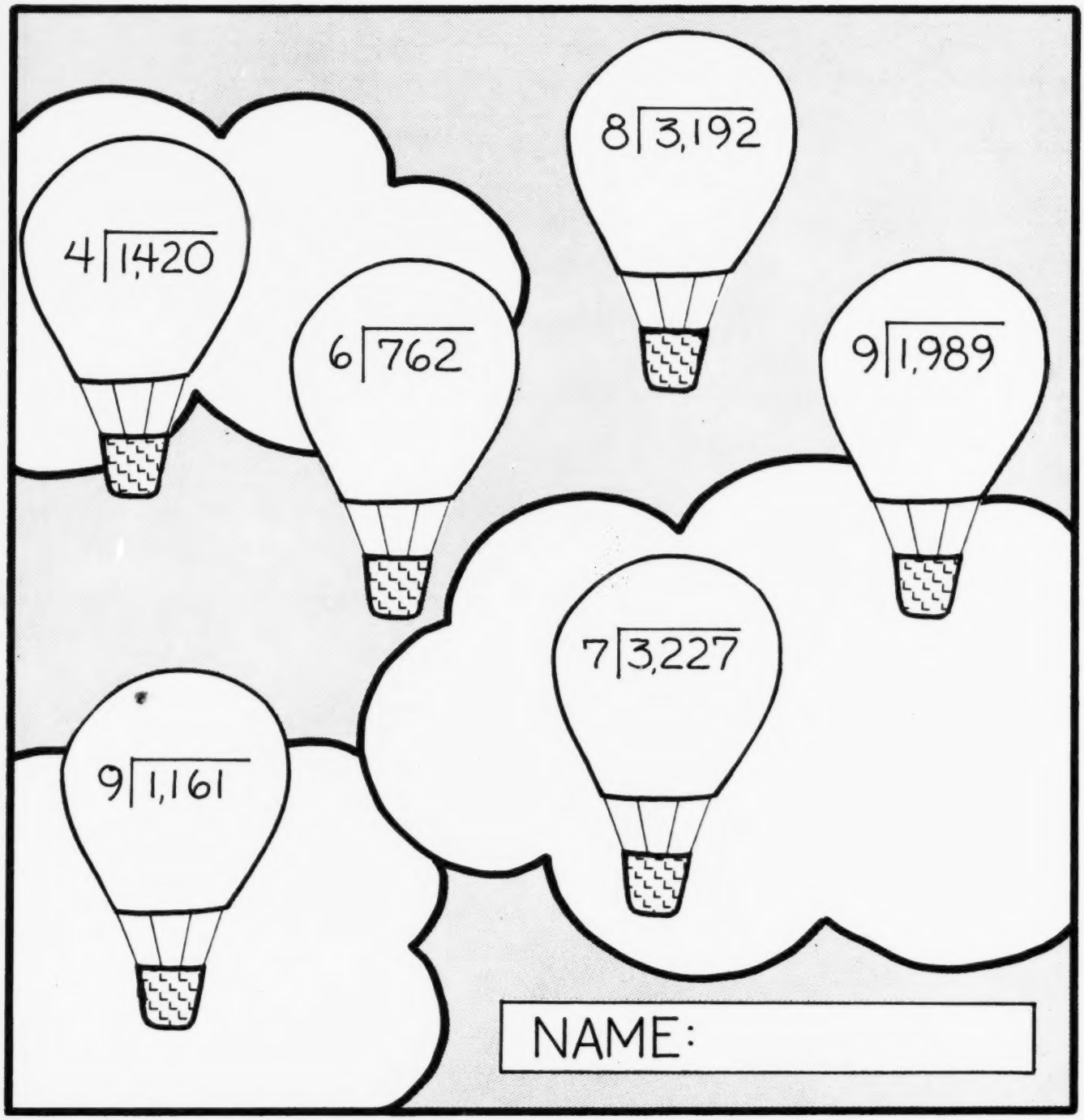
2) You played Hot Dog 4 times, and you kept getting the score of 698. What was your total score? _____. Your friend kept getting 354, but he played the game 8 times. What was his total score? _____. Who received the highest total score and by how much? _____.

3) Lady Tac Toe is such fun. You played 10 times and earned the scores on the first two lines, and your friend also played 10 times and earned the scores on the bottom two lines. Average your 5 highest scores and your friend's 5 highest scores. Your average: _____ your friend's average: _____.

4) In order to get a prize, you had to earn a total of 1,000 points in any of the games. What scores did you get? _____. Name the games. _____

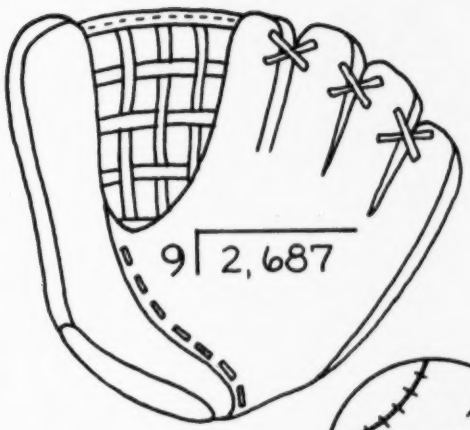
BALLOON RIDE

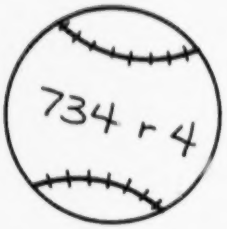
Work the problems.

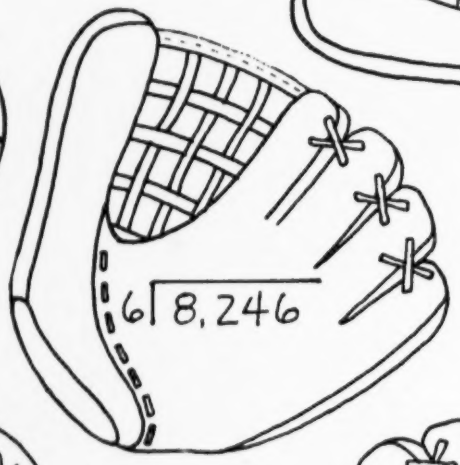


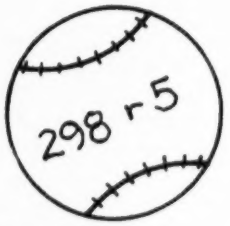
MATH MITTS

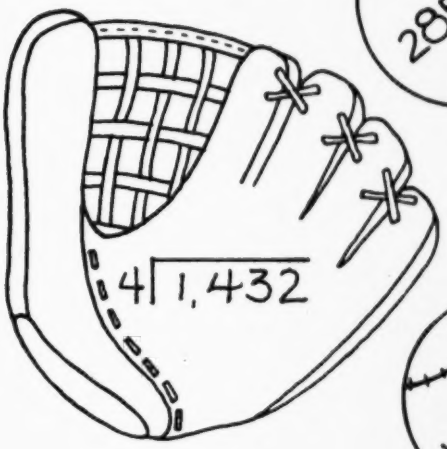
Draw a line matching each glove to a ball.

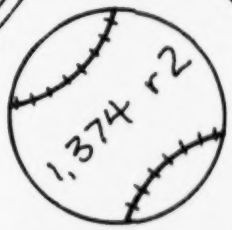


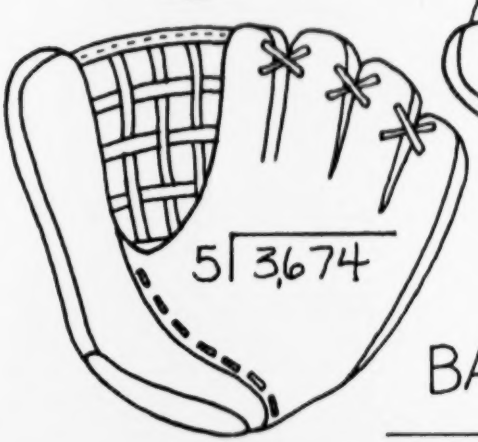












BATTER: _____

THE ZOO

NAME _____

This is an imaginary zoo!

1) Susie Snake measures 139 ft. 7 inches and Sunny Snake measures 87 ft. 9 inches. What is their combined length? _____

2) Hippy Hippo weighs 5,632 lbs. His friend Happy weighs 3,978 lbs. How much more does Hippy weigh? _____

3) The zookeeper brought 6 dozen eggs for each of the 35 alligators to eat; 9 dozen fish for each of the 9 seals; and 3 bales of hay for each of the 15 sea lions. How much food did this zookeeper have in his truck for the animals? _____

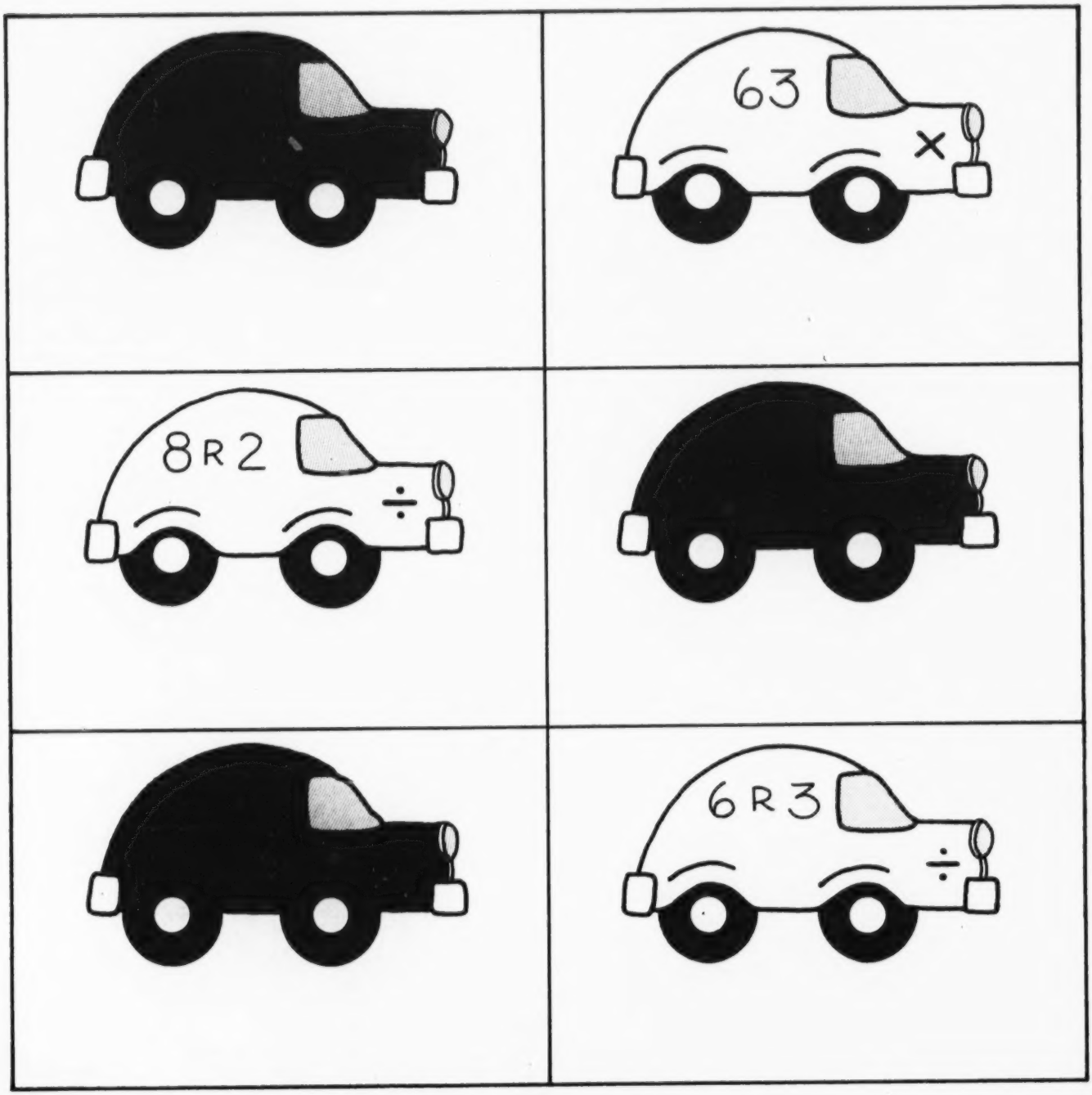
4) Dear me! The 7 leaping lizards are fighting over the 252 flies in their cages. See if you can figure out how many flies each lizard would get if they shared equally. _____

5) Lilly Lion needs a new cage. It is 15 ft. on each of 2 sides and 18 ft. on each of the other 2 sides. How big is the total size of the sides of the cage? _____ ft. or _____ yds. Now if you were to **triple** the number of feet on the sides of Lilly's cage, how many feet would it be along the sides? _____

THE PARKING LOT

NAME _____

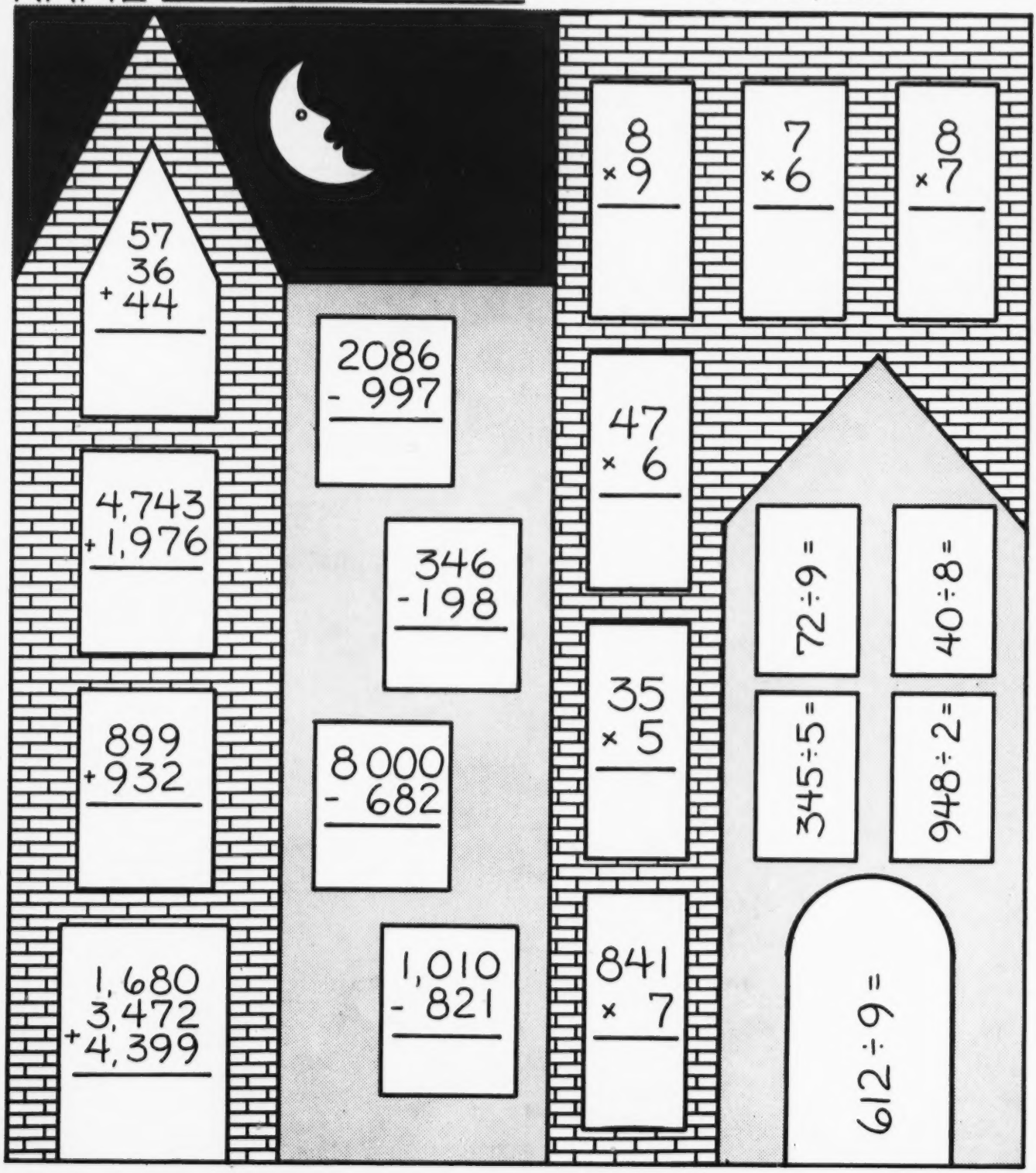
Figure out a problem to match the answer given on each car. Watch your signs.



MATH CITY

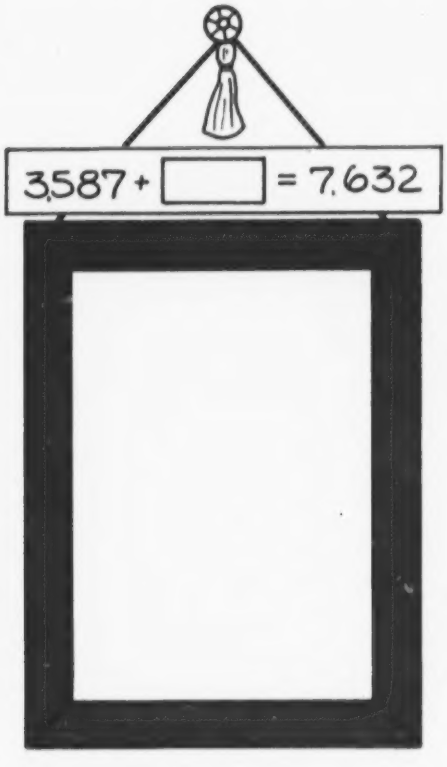
NAME _____

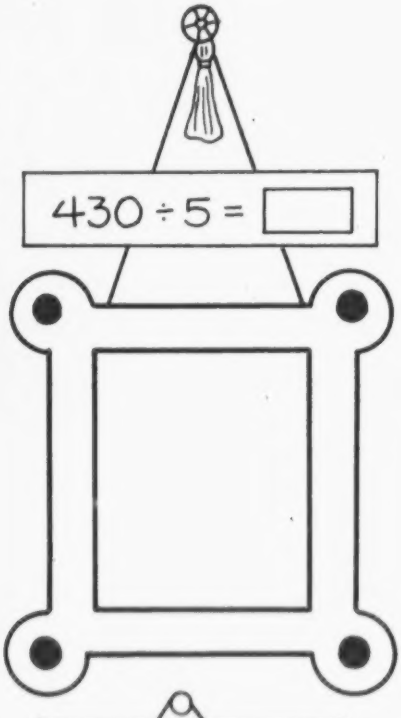
Work the problems.

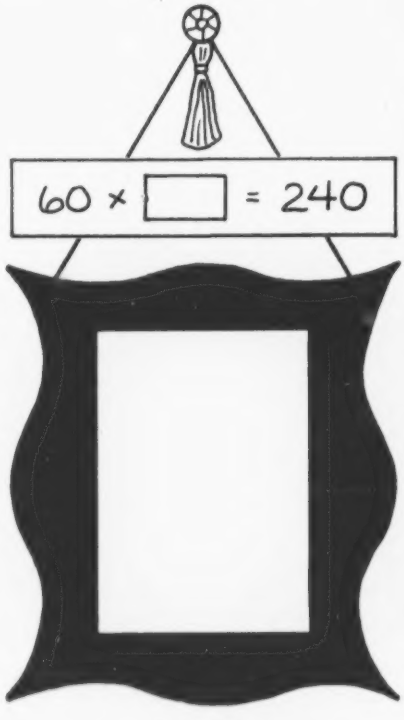


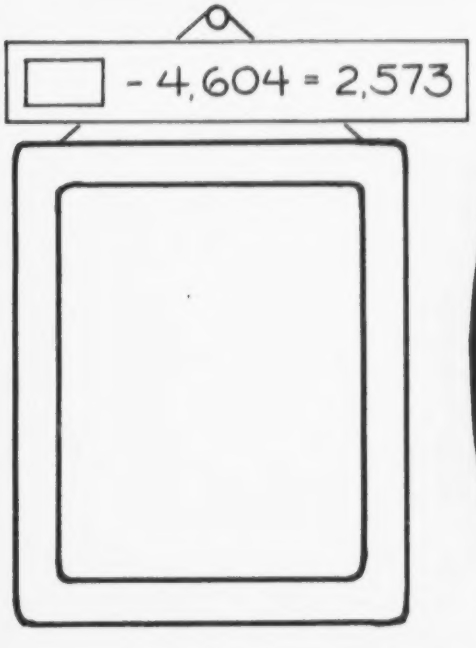
ART GALLERY

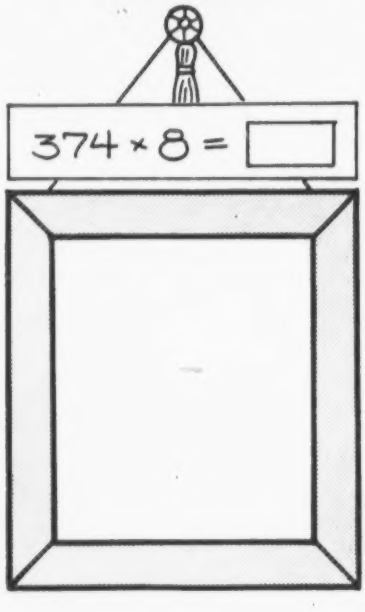
Practice the art of mathematics. Do the problems below. Frame your answers.





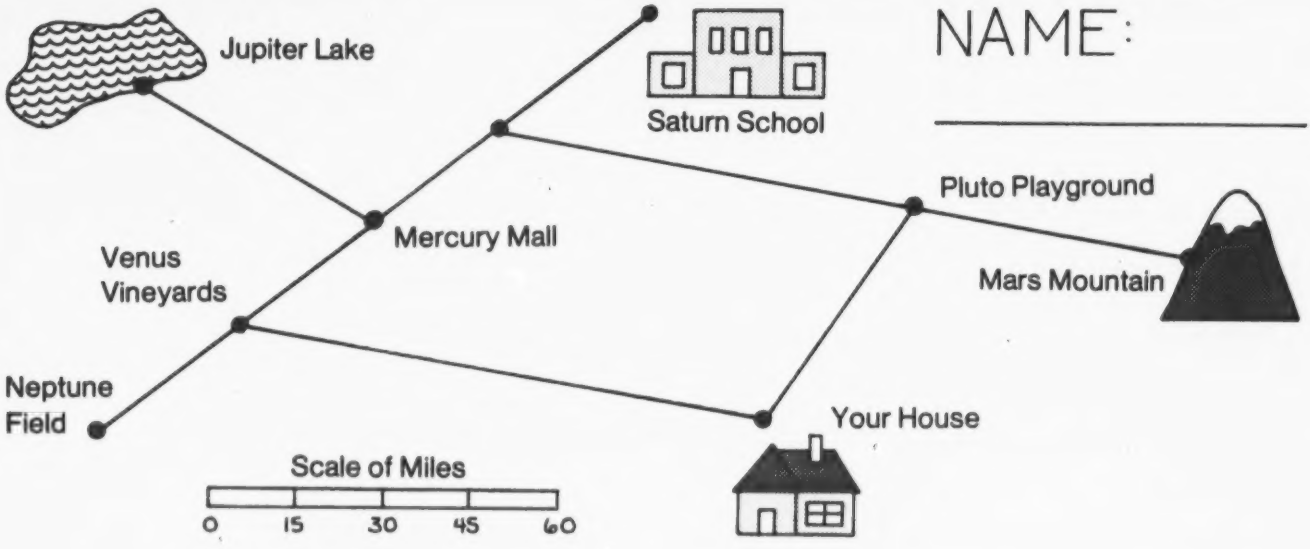






Artist: _____

SPACE TRAVELER



Use your imagination! These distances are unusually long.

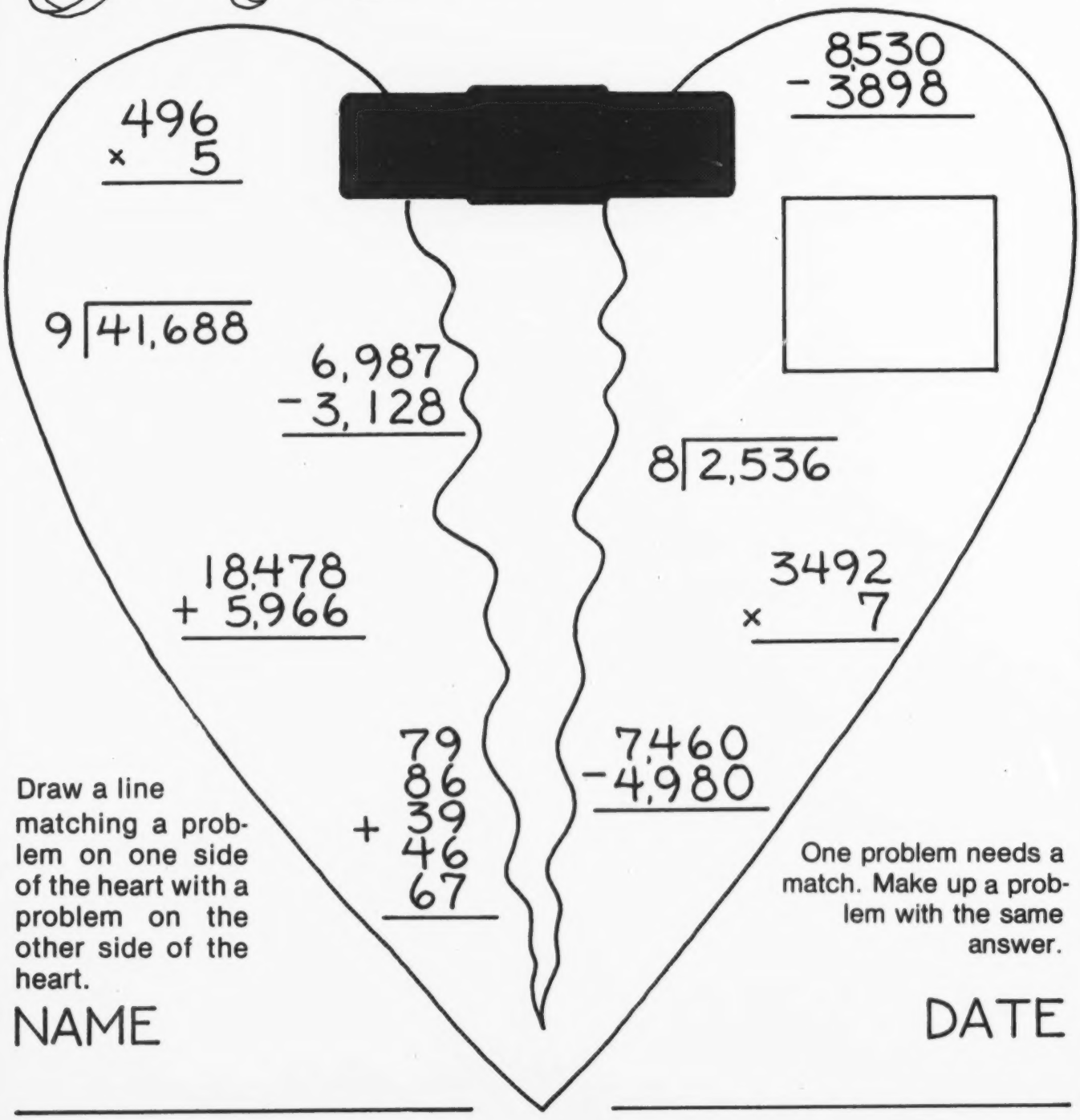
1) You are at the mall shopping. You need to go to Pluto Playground to pick up your baby brother. How many miles do you have to travel along the roads? _____. Now you have to go home. How far is that? _____. How many miles did you go altogether? _____.

2) Your friend Uranus went to Mars Mountain from Jupiter Lake. How many miles did he go? _____. Now he left his glasses at his home at Jupiter Pier, so he had to make the trip back again and then return to Mars Mountain. Show a multiplication problem for the total trip, showing how many miles in all Uranus traveled. _____.

3) A baseball picnic was held at Neptune Field. After the picnic, all the boys had to go back to Saturn School for the awards assembly. How many miles did the boys travel to school? _____.

4) Finally Sam Earth left Saturn School at 6:30 p.m., and his house is in Venus Vineyards. He didn't get home until 9:43 p.m. How many miles did he travel? _____. How long did it take to get home? _____.

MEND A BROKEN Heart



Draw a line matching a problem on one side of the heart with a problem on the other side of the heart.

One problem needs a match. Make up a problem with the same answer.

NAME _____

DATE _____

SUPER SPECIALS

Figure out these problems.

1. $(8{,}738 + 9814) + (486 \times 3) =$

2. $(9{,}086 - 2{,}859) + (754 \times 6) =$

3. $(659 + 368 + 237) + (524 \div 4) =$

4. $(342 \times 5) + (804 \times 7) + (321 \times 2) =$

5. $(897 \div 3) + (637 \div 7) + 835 =$

6. $(2{,}356 + 4{,}834) + (6{,}542 - 2{,}983) + (483 \times 9) =$

7. Make up one of your own!

NAME _____

44

DO YOUR OWN THING

NAME _____

Multiplication: simple - 2 numbers x 1 digit - 2 numbers x 2 digits -	Division: simple - No remainder - Remainder -
Fractions: Measurement:	Word Problem:

TASK MASTER

NAME _____

$$\begin{array}{r} 831 \\ +\,746 \\ \hline \end{array} \qquad \begin{array}{r} 678 \\ +\,194 \\ \hline \end{array} \qquad \begin{array}{r} 894 \\ +\,\square \\ \hline 1{,}563 \end{array}$$

$$\begin{array}{r} 357 \\ +\,128 \\ \hline 749 \end{array} \qquad \begin{array}{r} \square \\ 894 \\ +\,\;228 \\ \hline 1{,}485 \end{array} \qquad \begin{array}{r} 1{,}742 \\ -\;\;698 \\ \hline \end{array} \qquad \begin{array}{r} 7{,}032 \\ -2{,}946 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times\,6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times\,4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times\,5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times\,8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times\,8 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times\,9 \\ \hline \end{array} \quad \begin{array}{r} 84 \\ \times\,8 \\ \hline \end{array} \quad \begin{array}{r} 69 \\ \times\,7 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ \times\,6 \\ \hline \end{array}$$

$$\begin{array}{r} 504 \\ \times\,4 \\ \hline \end{array} \quad \begin{array}{r} 675 \\ \times\,9 \\ \hline \end{array} \quad \begin{array}{r} 387 \\ \times\,7 \\ \hline \end{array}$$

$72 \div 8 =$

$54 \div 6 =$

$27 \div 3 =$

$51 \div 7 =$

$87 \div 9 =$

$3{,}128 \div 4 =$

$9{,}324 \div 6 =$

Which is larger: $\frac{3}{8}$ or $\frac{4}{7}$

= _____ or _____

I went to play a video game. My total score was 364 for 4 games. If I scored the same on each game, what was my score for each game?

_____

Answer Key

Page 1

398	13,918	89,653
741	13,981	705,327
804	22,701	706,327
2,543	37,469	21,502,650
4,891	37,496	83,261,007

Page 2

12,325	3,529	3,534
17,608	11,953	
3,522	2,314	69,310
15,553	63,543	

Page 3

Self-explanatory

Page 4

543,103 - five hundred forty-three thousand, one hundred and three

seven million, four hundred thousand and ten- 7,400,010

8,009 - eight thousand and nine

twenty-seven thousand, five hundred and eighty-seven - 27,587

two hundred twenty thousand and thirty-two- 220,032

6,340,831 - six million, three hundred forty thousand, eight hundred and thirty-one

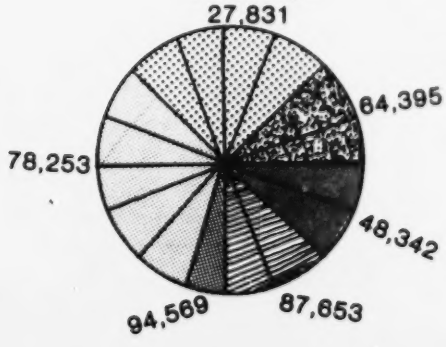
Page 5

64,395	27,831	78,253	87,653
48,342	94,569	87,653	78,253
27,831	64,395	78,253	48,342
78,253	27,831	27,831	78,253

Bar Graph

4	2	2	5	2	1
27,831	64,395	48,342	78,253	87,653	94,569

Circle Graph



Page 6

544	677	685	694	702	718	879
659	792	800	809	817	833	994
137	270	278	287	295	311	472
585	718	726	735	743	759	920
424	557	565	574	582	598	759
271	404	412	421	429	445	606
835	968	976	985	993	1009	1170
192	325	333	342	350	366	527

Page 7

Self-explanatory

Page 8

7 x 9 = 63	6 x 9 = 54	9 x 4 = 36
5 x 4 = 20	8 x 7 = 56	8 x 9 = 72
8 x 3 = 24	6 x 7 = 42	

Page 9

991, 1000, 1009, 1018, 1027
814, 820, 826, 832, 838
476, 488, 500, 512, 524
305, 295, 275, 265, 245, 235
1356, 1457, 1659, 1962, 2366, 2871
338, 380, 422, 464, 506, 548
486, 492, 498, 504, 510, 516
653, 655, 658, 662, 667, 673, 680
651, 652, 654, 657, 661, 666, 672
505, 705, 805, 1005, 1105, 1305, 1405
1/2, 1/4, 1/8, 1/16, 1/32, 1/64
356, 356, 355, 353, 350, 346

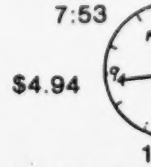
Page 10

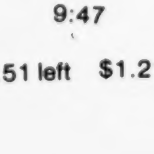
48 = 6x8	72 = 8x9
81 = 9x9	42 = 6x7
54 = 9x6	21 = 7x3
56 = 8x7	24 = 8x3, 6x4
40 = 8x5	35 = 7x5

Page 11

$5.75

Answers will vary.


7:53


9:47

$4.94

$2.51 left

$1.21.

11:44

2:17

$1.30 money left

Page 12

69	98	46	71
x 5	x 4	x 9	x 5
345	392	414	355
53	68	57	
x 8	x 6	x 7	
424	408	399	

Page 13

4 yds. =144 in.
12 feet = 4 yds.
60 in. = 5 ft.
13 ft. = 4 yds. 1 ft.
87 in. = 7 ft. 3 in.
7 yds. = 21 ft. or 252 in.

10 cups = 5 pts.
14 qts. = 28 pts.
20 qts. = 5 gals.
16 qts. = 64 cups
16 cups = 1 gal.
26 qts. = 6 gals., 8 cups

10 min. = 600 sec.
7 days = 168 hrs.
5 days = 7,200 min.
60 hrs. = 2 days, 12 hrs.
3 lbs. = 48 oz.
80 oz. = 5 lbs.

Page 14

Math pages should be fun!

Page 15

Self-explanatory

Page 16

2,445	4,879	5,856
1,587	816	6,920
2,184		8,883

Page 17

14,783 ◄ 15,876
6,467 ◄ 6,472
24,647 ► 21,910
53,240 = 53,240
1,263 ◄ 12,590

3,580 ► 3,311
7,931 = 7,931
2,632 ► 2,572
11,556 ◄ 12,696
2,939 ◄ 4,939

Page 18

The Garden	The Field	The Zoo
269 ft.	340 ft.	316 ft.
3,228 in.	7,225 sq. ft.	3,792 in.
	21,675 sq. ft.	

Page 19

32	84	67	58	99	75
x 9	x 9	x 9	x 9	x 9	x 9
288	756	603	522	891	675
49	70	81	53	48	26
x 9	x 9	x 9	x 9	x 9	x 9
441	630	729	477	432	234

Page 20

2	3		1	
5,248	3,686	1,620	5,832	3,120
2,146	957	2,491		

Page 21 (vertically)

1/3	1/2
1/2	5/6
1/5	3/5
1/2	1/3
1/4	3/5
	1/3

Page 22

280	469	168	1443	5706	392
245	658	420	1561	2574	245
140	711	756	1392	3627	686
210	581	252	1118	6993	294

Page 23

Spells WE

Page 24

Answers found on the page.

Page 25

		pennies	nickels	dimes	quarters	dollars
$ .61	left	1		1	2	
$ .24	left	4		2		
$3.18	left	3	1	1		3
$ .69	left	4	1	1	2	
$3.56	left	1	1		2	3

1) $224 spent for shoes
2) $266.14 saved
78.86 needed
26.28 Mark (any order)
26.29 Mike
26.29 Mindy
3) $5.47 for each book

Page 26

$7\overline{)63}=9$ $5\overline{)35}=7$ $6\overline{)36}=6$ $9\overline{)72}=8$ $7\overline{)56}=8$

$6\overline{)48}=8$ $2\overline{)24}=12$ $3\overline{)24}=8$ $4\overline{)36}=9$ $6\overline{)54}=9$

Page 27

alike
1) 1/2 2/4
2) 1/3 4/12
3) 3/4 6/8

►, ◄, or =
1) 4/6=2/3
2) 1/3 ► 1/5
3) 3/8 ◄ 3/7
4) 7/8 ►5/6

mixed number
1) 1 3/5
2) 3
3) 1 1/8
4) 1½

add
1) 5/4 or 1 1/4
2) 4/8 or 1/2
3) 3/3 or 1

Page 28

Answers are found on the page.

Page 29

1) 55 total
11 average

2) 2,792 - your score
2,832 - friend
friend - 40 pts.

3) 65 2/5 or 65 average of your scores
72 4/5 or 73 average of friend's scores

4) Answers will vary.

Page 30

355	127	399	221
129	461		

Page 31

Answers are found on the page.

Page 32

1) 227 ft. 4 inches
2) 1,654 lbs.
3) 3,537 kinds of food
4) 36 flies
5) 66 ft. or 22 yds.
198 ft.

Page 34

+	−	×	÷
137	1,089	72, 42, 56	68
6,719	148	282	69
1,831	7,318	175	8
9,551	189	5,887	474
			5

Page 35

4,045	86	4
7,177	18	2,992

Page 36

1) 105 miles
45 miles
150 miles

2) 195 miles

$$\begin{array}{r} 195 \\ \times\ 3 \\ \hline 585 \end{array}$$
miles

3) 120 miles

4) 90 miles
3 hrs. 13 minutes

Page 37

$$\begin{array}{r} 496 \\ \times\ 5 \\ \hline 2{,}480 \end{array} = \begin{array}{r} 7{,}460 \\ -4{,}980 \\ \hline 2{,}480 \end{array}$$

$$9\overline{)41{,}688}=4{,}632 = \begin{array}{r} 8{,}530 \\ -3{,}898 \\ \hline 4{,}632 \end{array} \qquad \begin{array}{r} 6{,}987 \\ -3{,}128 \\ \hline 3{,}859 \end{array}$$

$$\begin{array}{r} 18{,}478 \\ +5{,}966 \\ \hline 24{,}444 \end{array} = \begin{array}{r} 3{,}492 \\ \times\ 7 \\ \hline 24{,}444 \end{array} \qquad \begin{array}{r} 79 \\ 86 \\ 39 \\ 46 \\ +67 \\ \hline 317 \end{array} = 8\overline{)2{,}536}=317$$

Page 38

1) 20,010
2) 10,751
3) 1,395
4) 7,980
5) 1,225
6) 15,096

Page 40

+ −1,577	872	669		
1,234	363	1,044	4,086	
× 48	28	30	72	40
405	672	483	228	
2,016	6,075	2,709		
÷ 9	9	9	7r2	9r6
782	1,554			

Fractions
4/7

4/12 or 1/3

Word problem
91 score

50

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